MAHILA VIKAS SANSTHA,WARDHA

INDRAPRASTHA NEW ARTS, COMMERCE AND SCIENCE COLLEGE WARDHA DIST 442001(M.S)

(Affiliated to RTM Nagpur University)
www.nacscwardha.org

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

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Student Internal Assessment Evaluation Report

Mahila Vikas Sanstha's
INDRAPRASTHA NEW ARTS COMMERCE & SCIENCE COLLEGE, AT POST NALWADI, DIST. WARDHA (M.S.)
Accredited 'B' by NAAC

Approved by government of Maharashtra
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
Recognised by U.G.C New Delhi under section 2 (f) & 12 (b) of UGC act 1956

Date:19/04/2024

DECLARATION

This is to declare that the information, reports, true copies and numerical data etc. furnished in this file as supporting documents is verified by IQAC and found correct. Hence this certificate.

IQAC

S. S. Pelate

Coordinator
Internal Quality Assurance Cell
Indraprastha New Arts Commerce and Science College, Wardha

Principal

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA.

Tel: +91 7152 - 253093, 240152 Fax : +91 7152 - 240152 I www.nacscwardha.org

Mahila Vikas Sanstha's
INDRAPRASTHA NEW ARTS COMMERCE & SCIENCE COLLEGE, AT POST KALWADI, DIST. WARDHA (M.S.)
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Recognised by U.G.C New Delhi under section 2 (f) & 12 (b) of UGC act 1956

Student Internal Assessment Evaluation Report

In our college we write from students for internal assignment marks from various departments in the following manner. And for that we give students 20 marks. Some samples for that are as follows.

We make a submission list of each student by the faculty members of each department and take their signature on it. So we get the information about how many students have given the assignment and also we do the evaluation accordingly. This gives the students an idea of the papers coming in the university and helps them to study.

PRINCIPAL

FLOW CHART -MECHANISM OF INTERNAL ASSESSMENT

TOTAL MARKS = 20

TOTAL INTERNAL ASSIGNMENT MARKS DISTRIBUTION

ASSIGNMENTS (5-Mark)	**PRESENTATIONS (5-Mark)**
ATTENDANCE (5-Marks)	**OVERALL PARTICIPATIONS (5-Mark)**

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT MARKS

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT : DISASTER MANAGEMANT

Sr.No.	Name of Students	ATTENDANCE 5	SUBMISSION 5	PRESENTATION 5	VIVA-VOCE INTERACTION 5	TOTAL MARKS 20
1	AACHAL KAILASRAO YAWALIKAR	5	5	5	4	19
2	AAKASH PUNDLIKRAO TALWEKAR	5	5	5	5	20
3	ABHISHEK ANIL TAYADE	5	5	4	5	19
4	ACHAL GURUDAS PANBUDE	5	5	5	4	19
5	AJAY TULSHIRAM BHAYMARE	5	4	5	5	19
6	AKASH SUDHAKARRAO MADANKAR	5	5	5	4	19
7	AKSHAY BANDUJI PUNDKAR	5	5	4	5	19
8	ANAMIKA MUKINDA HATAGALE	5	5	4	5	19
9	ANAND RAMESH JAVANJAL	5	5	4	4	18
10	ANIKET ASHOKRAO PARATE	5	5	5	5	20
11	ANJALI RAMESHWAR BOKEY	5	5	5	5	20
12	ANKITA GAJANANRAO NASARE	5	5	4	5	19
13	ANKITA RAJENDRA THOTE	5	5	5	4	19
14	ARUNA SHRIRAM INGALE	5	5	4	5	19
15	ASHA MUNNA RAMPURE	5	5	4	5	19
16	ASHISH DNYANESHWAR LODE	5	5	5	4	19
17	ASHWIN DWARKADAS TAKSANDE	5	5	5	4	19
18	ASHWINI BABARAO CHAMATE	5	5	5	4	19
19	ASHWINI SHANKARRAO GIRI	5	5	4	5	19
20	BHAGYASHRI NARENDRA DESHMUKH	5	5	5	4	19
21	BHAGYASHRI PRABHUNATH SURANDASE	5	5	5	3	18
22	BHARAT ARUNRAO DESHMUKH	5	5	4	4	18
23	BHARTI NATTHUJI MESHRAM	5	5	5	5	20
24	BHARTI VISHWANATH KASAR	5	5	4	5	19
25	BHUMESHWAR DIWAKARRAO SHENDE	5	5	5	3	18
26	BHUMIKA BALU GOLAMBE	5	5	5	4	19
27	BRUHADATTA JAGANRAO PAKHALE	5	5	4	5	19
28	BUDDHABHUSHAN SHAMRAO WATHORE	5	5	4	5	19
29	CHAITALI SUNIL BHENDARKAR	5	5	5	4	19
30	CHANCHAL BHAURAOJI LANJEWAR	5	5	4	5	19
31	DEVANAND SHANKAR KULSANGE	5	5	5	5	20
32	DIKSHA SUDHAKAR THAKARE	5	5	5	4	19
33	DIPALI AMBADAS SHEDMAKE	5	5	4	4	18
34	DIVYA VINAYAK NAGPURKAR	5	5	4	4	18
35	DIVYANI TILOKCHAND SHENDE	5	5	5	3	18

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Indraprastha New Arts, Commerce & Science College, WARDHA.

36	DURGA DULSING RATHOD	5	4	4	5	18
37	DURGESH MADHAV NEWARE	5	5	5	3	18
38	GAJANAN WASUDEO SIDAM	5	4	4	5	18
39	GAURAV GURUDAS MADAVI	5	5	5	4	19
40	ISHAN KESHAO POKALE	5	5	4	5	19
41	ISHATA VISHAL LONDHE	5	5	5	4	19
42	JAYSHRI MAROTRAO DHORE	5	5	5	5	20
43	KAJAL DADARAO CHAVHAN	5	5	4	5	19
44	KAPIL GAUTAMRAO MOON	5	5	4	5	19
45	KAVITA LILADHARRAO PANBUDE	5	5	5	4	19
46	KISHOR NAMDEV KHAKARE	5	5	5	4	19
47	KISHORI SUBHASHRAO KANGALE	5	5	4	5	19
48	KOMAL ASHOK MERUGWAR	5	5	5	4	19
49	KOMAL KAILAS WANKHADE	5	5	4	5	19
50	KOMAL SHALIKRAO WAGHADE	5	5	5	4	19
51	KOMAL TOLARAM CHAVHAN	5	4	5	5	19
52	KOYNA MUKINDA HATAGALE	5	5	5	3	18
53	KUNAL PANDURANG PARISE	5	5	4	5	19
54	LAXMI RAGHUNATH KHADKE	5	5	5	3	18
55	MAMATA SANJAY MARASKOLHE	5	5	5	3	18
56	MANGESH SHRIKRUSHNAJI PATILPAIK	5	5	4	5	19
57	MANISHA UTTAMRAO WANKHADE	5	5	4	5	19
58	MANIT RAVINDRA DONGRE	5	5	5	4	19
59	MAYUR RAMESHRAO SAWANT	5	5	5	3	18
60	MRUNALI DATTATRAYRAO BUDE	5	5	4	5	19
61	NAMITA VINOD MESHRAM	5	5	4	5	19
62	NIKHIL CHANDRAKANT MANKAR	5	5	4	5	19
63	NIKITA AANNA CHADHOKAR	5	5	5	4	19
64	NIKITA RAVINDRA HOLEY	5	5	4	5	19
65	NILESH GAUTAM THAMKE	5	5	5	3	18
66	NILESH HARIDAS DHURVE	5	5	5	3	18
67	NILIMA VITTHALRAO KANGATE	5	5	4	5	19
68	NISHA NARESH VAIRAGADE	5	5	4	5	19
69	PAYAL CHAKRADHAR KANHERKAR	5	5	4	4	18
70	PAYAL NAGORAO BHOMALE	5	5	5	4	19
71	PAYAL SUNIL KURVE	5	5	5	4	19
72	POOJA ASHOK KHADSE	5	5	5	4	19
73	POOJA YADAV TIRPUDE	5	5	5	3	18
74	PRACHI RAJU CHAUDHARI	5	5	5	4	19
75	PRAGATI HARIBHAU MAHALLE	5	5	5	4	19
76	PRANJALI UTTAMRAO NAKHALE	5	5	4	5	19
77	PRATIBHA BHAGWANJI BHONGADE	5	5	4	5	19
78	PRATIKSHA VINODRAO KHADSE	5	5	5	4	19
79	PRITESH VINODRAO KHADSE	5	5	4	5	19

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Indraprastha Arts, Commerce & Science College, WARDHA.

80	RAHUL DATTA KANTESHWAR	5	5	4	5	19
81	RAKHI RAMESH KULSANGE	5	5	5	4	19
82	RAVINDRA DNYANESHWAR SAHARE	5	5	4	5	19
83	RAVINDRA WASUDEO JADHAO	5	5	5	4	19
84	RINA PRAMODRAO WANKHEDE	5	5	5	4	19
85	ROHAN HANUMAN GHUME	5	5	4	5	19
86	RUPESH SHRIKRUSHNA NANDANE	5	5	5	3	18
87	RUTUJA ANANDRAO ATAKAR	5	5	4	5	19
88	RUTWIK RAJENDRA KOLHE	5	5	4	5	19
89	SACHIN AMBADAS SHEJAO	5	5	4	4	18
90	SACHIN RAMESH CHAVHAN	5	5	4	5	19
91	SAGAR KISHORRAO GIRDE	5	5	4	5	19
92	SAGAR LAXMANRAO PAYGHAN	5	5	5	4	19
93	SAHIL SUDHIR PETHE	5	4	5	4	18
94	SAMMOHI DILIPRAO KOHALE	5	5	5	4	19
95	SAVITA DASHRAT AAHAKE	5	5	5	3	18
96	SHIVANI BHASKAR GIRI	5	5	5	4	19
97	SHIVANI PRABHAKAR BHOYAR	5	5	5	4	19
98	SHIVANI WAMANRAO NAITAM	5	5	5	3	18
99	SHIWANI SUDHAKAR KURSANGE	5	5	5	3	18
100	SHOBHANA PRABHAKARRAO MOHURLE	5	5	5	4	19
101	SHUBHAM DILIPRAO CHAUDHARI	5	5	5	4	19
102	SHUBHAM GUNVANT BHAVEKAR	5	5	5	4	19
103	SHUBHAM RAJENDRA KECHE	5	5	5	3	18
104	SHUBHAM VILAS BAHALE	5	5	5	3	18
105	SHWETA GAJANAN BAMBAL	5	5	5	4	19
106	SHWETA GAJANAN KALE	5	5	4	5	19
107	SUCHITA GOJENDRA CHIMURKAR	5	5	4	5	19
108	SUJATA DILIPRAO GOLHAR	5	5	5	3	18
109	SUMEDH RAMKRUSHNA GUJAR	5	5	5	3	18
110	SURAJ KISANRAO INGOLE	5	5	5	4	19
111	SUSHMIT MAHENDRA WANKHEDE	5	5	5	4	19
112	SWAPNIL RAMRAO WARHADE	5	5	4	5	19
113	SWAPNIL ZANAKRAO NAPTE	5	5	5	3	18
114	TAHIR FARUK DUNGE	5	5	5	4	19
115	UMESH PRAMOD WAGHAMODE	5	5	5	4	19
116	VAIBHAV CHANDRABHANJI MEGHARE	5	5	5	4	19
117	VAIBHAV GAJANANRAO MANDADE	5	5	5	4	19
118	VAISHALI DNYANESHWAR GADGE	5	5	5	4	19
119	VAISHNAV ANIL RAUT	5	5	5	3	18
120	VAISHNAVI DHANRAJ SURSAUT	5	5	5	4	19
121	VAISHNAVI VILASRAO WADE	5	5	5	4	19
122	VANITA RAJENDRA DHONGADE	5	5	5	4	19
123	VASANTIKA KISHOR GOMASE	5	5	4	5	19

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124	VINIT WASUDEORAO SONKUSARE	5	5	4	5	19
125	VIRAJ HEMRAJ KATHOTE	5	5	5	4	19
126	VISHAL HARIDAS SHINDODE	5	5	5	4	19
127	WANITA SUDHAKARRAO RATHOD	5	5	5	4	19
128	CHANDAN RAJU KALE	5	5	5	4	19
129	SONALI BHAGYAWAN BHAGAT	5	5	5	4	19

PRINCIPAL
Indraprastha Arts, Commerce & Science College, WANJARA

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT SINGATURE

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT: Disaster Manegment

Sr.No.	Name of Students	Singature
1	AACHAL KAILASRAO YAWALIKAR	A Yawalikar
2	AAKASH PUNDLIKRAO TALWEKAR	Talwekar
3	ABHISHEK ANIL TAYADE	Tayade
4	ACHAL GURUDAS PANBUDE	Panbude
5	AJAY TULSHIRAM BHAYMARE	Bhaymare
6	AKASH SUDHAKARRAO MADANKAR	Aakash
7	AKSHAY BANDUJI PUNDKAR	Akshay
8	ANAMIKA MUKINDA HATAGALE	Hatagale
9	ANAND RAMESH JAVANJAL	Anand
10	ANIKET ASHOKRAO PARATE	aniket
11	ANJALI RAMESHWAR BOKEY	A. Bokey
12	ANKITA GAJANANRAO NASARE	ABake
13	ANKITA RAJENDRA THOTE	Thote
14	ARUNA SHRIRAM INGALE	Ingle
15	ASHA MUNNA RAMPURE	Asha
16	ASHISH DNYANESHWAR LODE	Ashishlode
17	ASHWIN DWARKADAS TAKSANDE	A. Thaksande.
18	ASHWINI BABARAO CHAMATE	A. Giri.
19	ASHWINI SHANKARRAO GIRI	Agiri
20	BHAGYASHRI NARENDRA DESHMUKH	B. D. Rajgehot.
21	BHAGYASHRI PRABHUNATH SURANDASE	BDeshmukh
22	BHARAT ARUNRAO DESHMUKH	Bmeshram
23	BHARTI NATTHUJI MESHRAM	Bharti
24	BHARTI VISHWANATH KASAR	B.D.shende
25	BHUMESHWAR DIWAKARRAO SHENDE	Bgolambe
26	BHUMIKA BALU GOLAMBE	B. Pakhale.
27	BRUHADATTA JAGANRAO PAKHALE	Bwathore
28	BUDDHABHUSHAN SHAMRAO WATHORE	Dbhendes
29	CHAITALI SUNIL BHENDARKAR	Chanjewar
30	CHANCHAL BHAURAOJI LANJEWAR	D.S. Kulsange
31	DEVANAND SHANKAR KULSANGE	Dthakare
32	DIKSHA SUDHAKAR THAKARE	Dshedmake
33	DIPALI AMBADAS SHEDMAKE	D. Nagpurkar.
34	DIVYA VINAYAK NAGPURKAR	D. Shende
35	DIVYANI TILOKCHAND SHENDE	D. Rathod
36	DURGA DULSING RATHOD	Dneware
37	DURGESH MADHAV NEWARE	

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38	GAJANAN WASUDEO SIDAM	Sidam
39	GAURAV GURUDAS MADAVI	Gmadavi
40	ISHAN KESHAO POKALE	Ishan
41	ISHATA VISHAL LONDHE	I. Londhe
42	JAYSHRI MAROTRAO DHORE	J. Dhore
43	KAJAL DADARAO CHAVHAN	KChauhan
44	KAPIL GAUTAMRAO MOON	K.G. Moon.
45	KAVITA LILADHARRAO PANBUDE	Kavita.
46	KISHOR NAMDEV KHAKARE	Kishor.
47	KISHORI SUBHASHRAO KANGALE	Kangle.
48	KOMAL ASHOK MERUGWAR	Komal.
49	KOMAL KAILAS WANKHADE	K. Wankhede.
50	KOMAL SHALIKRAO WAGHADE	K. Waghade.
51	KOMAL TOLARAM CHAVHAN	K.C.
52	KOYNA MUKINDA HATAGALE	K. Hatagle
53	KUNAL PANDURANG PARISE	KunalP
54	LAXMI RAGHUNATH KHADKE	Khadke
55	MAMATA SANJAY MARASKOLHE	Mamata
56	MANGESH SHRIKRUSHNAJI PATILPAIK	Mangesh.
57	MANISHA UTTAMRAO WANKHADE	Manisha. W.
58	MANIT RAVINDRA DONGRE	Manit. Dongare.
59	MAYUR RAMESHRAO SAWANT	MSawant
60	MRUNALI DATTATRAYRAO BUDE	Mmeshram.
61	NAMITA VINOD MESHRAM	Nmeshram
62	NIKHIL CHANDRAKANT MANKAR	Nikhil
63	NIKITA AANNA CHADHOKAR	Nch.
64	NIKITA RAVINDRA HOLEY	N. H.
65	NILESH GAUTAM THAMKE	Nilesh.
66	NILESH HARIDAS DHURVE	nilesh D.
67	NILIMA VITTHALRAO KANGATE	Nilima.
68	NISHA NARESH VAIRAGADE	Nisha. V.
69	PAYAL CHAKRADHAR KANHERKAR	Payal.
70	PAYAL NAGORAO BHOMALE	PBhomle
71	PAYAL SUNIL KURVE	P. Kurve
72	POOJA ASHOK KHADSE	Thadse
73	POOJA YADAV TIRPUDE	Pooja
74	PRACHI RAJU CHAUDHARI	P. Chaudhari
75	PRAGATI HARIBHAU MAHALLE	P.H. Mahalle
76	PRANJALI UTTAMRAO NAKHALE	Pranjali.
77	PRATIBHA BHAGWANJI BHONGADE	Bhongade
78	PRATIKSHA VINODRAO KHADSE	P. K.
79	PRITESH VINODRAO KHADSE	Pritesh
80	RAHUL DATTA KANTESHWAR	Rahul.
81	RAKHI RAMESH KULSANGE	RKulsange

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82	RAVINDRA DNYANESHWAR SAHARE	Rsahare
83	RAVINDRA WASUDEO JADHAO	R. Jadho.
84	RINA PRAMODRAO WANKHEDE	Rwankhede
85	ROHAN HANUMAN GHUME	Rina.
86	RUPESH SHRIKRUSHNA NANDANE	Rohan.
87	RUTUJA ANANDRAO ATAKAR	R. Nandne.
88	RUTWIK RAJENDRA KOLHE	R. A.
89	SACHIN AMBADAS SHEJAO	Rutwik.
90	SACHIN RAMESH CHAVHAN	Sachin.
91	SAGAR KISHORRAO GIRDE	Sgirade
92	SAGAR LAXMANRAO PAYGHAN	S Payghan.
93	SAHIL SUDHIR PETHE	Sahil. P.
94	SAMMOHI DILIPRAO KOHALE	Sammohini.
95	SAVITA DASHRAT AAHAKE	Savita.
96	SHIVANI BHASKAR GIRI	Sgiri
97	SHIVANI PRABHAKAR BHOYAR	bhoyar.
98	SHIVANI WAMANRAO NAITAM	D. N.
99	SHIWANI SUDHAKAR KURSANGE	Ces.
100	SHOBHANA PRABHAKARRAO MOHURLE	Shobhana.
101	SHUBHAM DILIPRAO CHAUDHARI	Shus..
102	SHUBHAM GUNVANT BHAVEKAR	S. bhavekar.
103	SHUBHAM RAJENDRA KECHE	S.R.Kche
104	SHUBHAM VILAS BAHALE	Shubham
105	SHWETA GAJANAN BAMBAL	Shubhamgbal.
106	SHWETA GAJANAN KALE	Swetakale
107	SUCHITA GOJENDRA CHIMURKAR	Schimurkar.
108	SUJATA DILIPRAO GOLHAR	S. Chimul.
109	SUMEDH RAMKRUSHNA GUJAR	Sujata. G.
110	SURAJ KISANRAO INGOLE	Sumedh
111	SUSHMIT MAHENDRA WANKHEDE	Sushmit.
112	SWAPNIL RAMRAO WARHADE	S. Warahde.
113	SWAPNIL ZANAKRAO NAPTE	S. Napte.
114	TAHIR FARUK DUNGE	T.D.
115	UMESH PRAMOD WAGHAMODE	Umesh W.
116	VAIBHAV CHANDRABHANJI MEGHARE	V. Meghre.
117	VAIBHAV GAJANANRAO MANDADE	Vaibhav.
118	VAISHALI DNYANESHWAR GADGE	Vaishali
119	VAISHNAV ANIL RAUT	Vaishnav.
120	VAISHNAVI DHANRAJ SURSAUT	V. Sursaut.
121	VAISHNAVI VILASRAO WADE	Vaishnavi. S.
122	VANITA RAJENDRA DHONGADE	Vanita D.
123	VASANTIKA KISHOR GOMASE	V. gomase.
124	VINIT WASUDEORAO SONKUSARE	Vinit
125	VIRAJ HEMRAJ KATHOTE	Viraj

PRINCIPAL
Indraprastha Kala Arts, Commerce & Science College, WARDHA.

126	VISHAL HARIDAS SHINDODE	V. Shindode
127	WANITA SUDHAKARRAO RATHOD	W. Rathod
128	CHANDAN RAJU KALE	Kale
129	SONALI BHAGYAWAN BHAGAT	Bhagat

PRINCIPAL
Indraprastha New Arts, Commerce
& Science College, WARDHA.

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT MARKS

CLASS :- M.S.W. I SEM 2022-23

SUBJECT : Tribal Development & Governance

Sr.No.	Name of Students	ATTENDANCE 5	SUBMISSION 5	PRESENTATION 5	VIVA-VOCE INTERACTION 5	TOTAL MARKS 20
1	ACHAL GURUDAS PANBUDE	5	5	5	4	19
2	AKASH SUDHAKARRAO MADANKAR	5	5	4	5	19
3	ANAND RAMESH JAVANJAL	5	5	5	3	18
4	ANIKET ASHOKRAO PARATE	5	5	4	5	19
5	ANKITA RAJENDRA THOTE	5	5	5	4	19
6	ARUNA SHRIRAM INGALE	5	4	5	5	19
7	ASHA MUNNA RAMPURE	5	5	4	5	19
8	ASHISH DNYANESHWAR LODE	5	5	5	4	19
9	ASHWIN DWARKADAS TAKSANDE	5	5	5	4	19
10	BHARAT ARUNRAO DESHMUKH	5	5	4	5	19
11	BHARTI NATTHUJI MESHRAM	5	5	5	5	20
12	BHUMESHWAR DIWAKARRAO SHENDE	5	5	4	5	19
13	BUDDHABHUSHAN SHAMRAO WATHORE	5	5	4	5	19
14	CHAITALI SUNIL BHENDARKAR	5	5	5	4	19
15	DEVANAND SHANKAR KULSANGE	5	5	5	5	20
16	DIPALI AMBADAS SHEDMAKE	5	5	5	4	19
17	DIVYANI TILOKCHAND SHENDE	5	4	5	5	19
18	JAYSHRI MAROTRAO DHORE	5	5	5	5	20
19	KAPIL GAUTAMRAO MOON	5	4	5	5	19
20	KAVITA LILADHARRAO PANBUDE	5	5	4	5	19
21	KISHOR NAMDEV KHAKARE	5	5	4	4	18
22	KISHORI SUBHASHRAO KANGALE	5	4	5	4	18
23	MANIT RAVINDRA DONGRE	5	4	4	5	18
24	MAYUR RAMESHRAO SAWANT	5	5	4	4	18
25	NAMITA VINOD MESHRAM	5	5	4	4	18
26	NILESH GAUTAM THAMKE	5	5	5	4	19
27	NILESH HARIDAS DHURVE	5	5	4	5	19
28	NILIMA VITTHALRAO KANGATE	5	5	5	4	19
29	PAYAL NAGORAO BHOMALE	5	5	4	5	19
30	PAYAL SUNIL KURVE	5	5	4	5	19
31	POOJA ASHOK KHADSE	5	5	5	4	19
32	POOJA YADAV TIRPUDE	5	5	4	5	19
33	PRAGATI HARIBHAU MAHALLE	5	5	4	5	19
34	PRATIBHA BHAGWANJI BHONGADE	5	5	5	4	19
35	RAHUL DATTA KANTESHWAR	5	5	4	5	19
36	RAKHI RAMESH KULSANGE	5	5	5	4	19
37	RAVINDRA DNYANESHWAR SAHARE	5	5	5	3	18
38	RINA PRAMODRAO WANKHEDE	5	5	5	4	19

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Indraprastha New Arts, Commerce & Science College, WARDHA.

39	SACHIN AMBADAS SHEJAO	5	4	5	5	19
40	SAGAR KISHORRAO GIRDE	5	5	4	5	19
41	SAGAR LAXMANRAO PAYGHAN	5	5	4	5	19
42	SAVITA DASHRAT AAHAKE	5	5	5	4	19
43	SHIVANI BHASKAR GIRI	5	5	5	4	19
44	SHOBHANA PRABHAKARRAO MOHURLE	5	5	4	5	19
45	SHUBHAM GUNVANT BHAVEKAR	5	5	5	4	19
46	SHUBHAM RAJENDRA KECHE	5	5	4	5	19
47	SHUBHAM VILAS BAHALE	5	5	4	5	19
48	SHWETA GAJANAN KALE	5	5	4	5	19
49	SUCHITA GOJENDRA CHIMURKAR	5	5	5	4	19
50	SWAPNIL RAMRAO WARHADE	5	4	4	5	18
51	TAHIR FARUK DUNGE	5	5	5	3	18
52	VAISHNAV ANIL RAUT	5	5	4	4	18
53	VASANTIKA KISHOR GOMASE	5	5	5	4	19
54	VINIT WASUDEORAO SONKUSARE	5	5	4	5	19
55	VIRAJ HEMRAJ KATHOTE	5	5	5	4	19
56	VISHAL HARIDAS SHINDODE	5	5	4	5	19

PRINCIPAL
Indraprastha Arts, Commerce
& Science College, WANJARA

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT ATTENDANCE

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT: Tribal development & covenance

Sr.No.	Name of Students	Singnature
1	ACHAL GURUDAS PANBUDE	
2	AKASH SUDHAKARRAO MADANKAR	Akash
3	ANAND RAMESH JAVANJAL	Anand
4	ANIKET ASHOKRAO PARATE	aniket
5	ANKITA RAJENDRA THOTE	Thote
6	ARUNA SHRIRAM INGALE	
7	ASHA MUNNA RAMPURE	Asha
8	ASHISH DNYANESHWAR LODE	
9	ASHWIN DWARKADAS TAKSANDE	A. Thaksande.
10	BHARAT ARUNRAO DESHMUKH	Bdeshmukh
11	BHARTI NATTHUJI MESHRAM	Bmeshram
12	BHUMESHWAR DIWAKARRAO SHENDE	B.D. Shende
13	BUDDHABHUSHAN SHAMRAO WATHORE	Bwathore
14	CHAITALI SUNIL BHENDARKAR	Cbhendes...
15	DEVANAND SHANKAR KULSANGE	D.S. Kulsange
16	DIPALI AMBADAS SHEDMAKE	Dshedmake
17	DIVYANI TILOKCHAND SHENDE	D. shende
18	JAYSHRI MAROTRAO DHORE	J Dhore
19	KAPIL GAUTAMRAO MOON	K.G. Moon.
20	KAVITA LILADHARRAO PANBUDE	K.L.P.
21	KISHOR NAMDEV KHAKARE	
22	KISHORI SUBHASHRAO KANGALE	Klunghe
23	MANIT RAVINDRA DONGRE	Mdongre
24	MAYUR RAMESHRAO SAWANT	M Sawant
25	NAMITA VINOD MESHRAM	Nmeshram.
26	NILESH GAUTAM THAMKE	N Thamke
27	NILESH HARIDAS DHURVE	NDhurve
28	NILIMA VITTHALRAO KANGATE	NKangate
29	PAYAL NAGORAO BHOMALE	PNBhomale
30	PAYAL SUNIL KURVE	P. Kurve
31	POOJA ASHOK KHADSE	Thadse
32	POOJA YADAV TIRPUDE	Pooja
33	PRAGATI HARIBHAU MAHALLE	P.H. Mahalle
34	PRATIBHA BHAGWANJI BHONGADE	Bhongade.
35	RAHUL DATTA KANTESHWAR	R. kanteshwar.
36	RAKHI RAMESH KULSANGE	Rkulsange
37	RAVINDRA DNYANESHWAR SAHARE	Rsahare
38	RINA PRAMODRAO WANKHEDE	Rwankhede
39	SACHIN AMBADAS SHEJAO	Shejao
40	SAGAR KISHORRAO GIRDE	Girade

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA.

41	SAGAR LAXMANRAO PAYGHAN	S. Payghan
42	SAVITA DASHRAT AAHAKE	Savita
43	SHIVANI BHASKAR GIRI	
44	SHOBHANA PRABHAKARRAO MOHURLE	S. Mohurle
45	SHUBHAM GUNVANT BHAVEKAR	S. Bhavekar.
46	SHUBHAM RAJENDRA KECHE	S. R. Keche
47	SHUBHAM VILAS BAHALE	Shubham
48	SHWETA GAJANAN KALE	Sweta Kale
49	SUCHITA GOJENDRA CHIMURKAR	S. Chimurkar.
50	SWAPNIL RAMRAO WARHADE	S. Warahade.
51	TAHIR FARUK DUNGE	T. D.
52	VAISHNAV ANIL RAUT	Vaishnavi.
53	VASANTIKA KISHOR GOMASE	V. Gomase.
54	VINIT WASUDEORAO SONKUSARE	Vinit
55	VIRAJ HEMRAJ KATHOTE	Viraj
56	VISHAL HARIDAS SHINDODE	V. Shindode.

PRINCIPAL
Indraprastha Arts, Commerce & Science College, WARDHA.

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT MARKS

CLASS :- M.S.W. I SEM 2022-23

SUBJECT : Programme, Institutions & Rural Governance

Sr.No.	Name of Students	ATTENDANCE 5	SUBMISSION 5	PRESENTATION 5	VIVA-VOCE INTERACTION 5	TOTAL MARKS 20
1	ACHAL GURUDAS PANBUDE	3	5	5	5	18
2	AKASH SUDHAKARRAO MADANKAR	5	5	4	5	19
3	ANAND RAMESH JAVANJAL	5	5	3	5	18
4	ANIKET ASHOKRAO PARATE	5	5	4	5	19
5	ANKITA RAJENDRA THOTE	5	4	5	5	19
6	ARUNA SHRIRAM INGALE	5	5	4	5	19
7	ASHA MUNNA RAMPURE	4	5	5	5	19
8	ASHISH DNYANESHWAR LODE	5	4	5	5	19
9	ASHWIN DWARKADAS TAKSANDE	5	5	4	3	18
10	BHARAT ARUNRAO DESHMUKH	3	5	5	5	18
11	BHARTI NATTHUJI MESHRAM	5	5	5	5	20
12	BHUMESHWAR DIWAKARRAO SHENDE	4	5	5	5	19
13	BUDDHABHUSHAN SHAMRAO WATHORE	5	4	5	5	19
14	CHAITALI SUNIL BHENDARKAR	5	5	4	5	19
15	DEVANAND SHANKAR KULSANGE	5	4	5	5	19
16	DIPALI AMBADAS SHEDMAKE	3	5	5	5	18
17	DIVYANI TILOKCHAND SHENDE	5	5	3	5	18
18	JAYSHRI MAROTRAO DHORE	5	5	5	5	20
19	KAPIL GAUTAMRAO MOON	5	5	5	4	19
20	KAVITA LILADHARRAO PANBUDE	5	5	4	5	19
21	KISHOR NAMDEV KHAKARE	5	4	5	5	19
22	KISHORI SUBHASHRAO KANGALE	5	5	4	5	19
23	MANIT RAVINDRA DONGRE	5	4	5	5	19
24	MAYUR RAMESHRAO SAWANT	5	5	4	5	19
25	NAMITA VINOD MESHRAM	5	4	5	5	19
26	NILESH GAUTAM THAMKE	5	5	4	5	19
27	NILESH HARIDAS DHURVE	5	4	5	5	19
28	NILIMA VITTHALRAO KANGATE	4	5	5	5	19
29	PAYAL NAGORAO BHOMALE	5	4	5	5	19
30	PAYAL SUNIL KURVE	5	5	4	5	19
31	POOJA ASHOK KHADSE	5	3	5	5	18
32	POOJA YADAV TIRPUDE	5	5	3	5	18
33	PRAGATI HARIBHAU MAHALLE	5	4	5	5	19
34	PRATIBHA BHAGWANJI BHONGADE	5	5	4	5	19
35	RAHUL DATTA KANTESHWAR	5	4	5	5	19
36	RAKHI RAMESH KULSANGE	4	5	5	5	19
37	RAVINDRA DNYANESHWAR SAHARE	5	5	4	5	19
38	RINA PRAMODRAO WANKHEDE	5	4	5	5	19

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA

39	SACHIN AMBADAS SHEJAO	5	5	4	5	19
40	SAGAR KISHORRAO GIRDE	5	5	4	5	19
41	SAGAR LAXMANRAO PAYGHAN	5	4	5	5	19
42	SAVITA DASHRAT AAHAKE	5	3	5	5	18
43	SHIVANI BHASKAR GIRI	3	5	5	5	18
44	SHOBHANA PRABHAKARRAO MOHURLE	5	5	4	5	19
45	SHUBHAM GUNVANT BHAVEKAR	5	3	5	5	18
46	SHUBHAM RAJENDRA KECHE	5	5	3	5	18
47	SHUBHAM VILAS BAHALE	3	4	5	5	19
48	SHWETA GAJANAN KALE	5	5	4	5	19
49	SUCHITA GOJENDRA CHIMURKAR	5	4	5	5	19
50	SWAPNIL RAMRAO WARHADE	5	5	3	5	18
51	TAHIR FARUK DUNGE	5	4	5	5	19
52	VAISHNAV ANIL RAUT	5	5	4	5	19
53	VASANTIKA KISHOR GOMASE	4	5	5	5	19
54	VINIT WASUDEORAO SONKUSARE	5	4	5	5	19
55	VIRAJ HEMRAJ KATHOTE	5	5	4	5	19
56	VISHAL HARIDAS SHINDODE	5	5	4	5	19

PRINCIPAL
Indraprastha (Dev. A.H. Commerce
& Science College, WARUDA

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT ATTENDANCE

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT : Programme, Institutions & Rural Governence

Sr.No.	Name of Students	Singnature
1	ACHAL GURUDAS PANBUDE	Achal
2	AKASH SUDHAKARRAO MADANKAR	Akash
3	ANAND RAMESH JAVANJAL	Anand Javanjal
4	ANIKET ASHOKRAO PARATE	Aniket
5	ANKITA RAJENDRA THOTE	Thote
6	ARUNA SHRIRAM INGALE	Ingle
7	ASHA MUNNA RAMPURE	Asha
8	ASHISH DNYANESHWAR LODE	Ashish lode
9	ASHWIN DWARKADAS TAKSANDE	A. Taksande
10	BHARAT ARUNRAO DESHMUKH	Bhashmukh
11	BHARTI NATTHUJI MESHRAM	Bmeshram
12	BHUMESHWAR DIWAKARRAO SHENDE	B.D.Shende
13	BUDDHABHUSHAN SHAMRAO WATHORE	Bwathore
14	CHAITALI SUNIL BHENDARKAR	Cbhendes.
15	DEVANAND SHANKAR KULSANGE	D.S. Kulsange
16	DIPALI AMBADAS SHEDMAKE	Dshedmake
17	DIVYANI TILOKCHAND SHENDE	D. Shende
18	JAYSHRI MAROTRAO DHORE	J.Dhore.
19	KAPIL GAUTAMRAO MOON	K.G. Moon
20	KAVITA LILADHARRAO PANBUDE	K.L.P.
21	KISHOR NAMDEV KHAKARE	Khakare
22	KISHORI SUBHASHRAO KANGALE	Kkangle
23	MANIT RAVINDRA DONGRE	MR Dongre
24	MAYUR RAMESHRAO SAWANT	M Sawant
25	NAMITA VINOD MESHRAM	N meshram
26	NILESH GAUTAM THAMKE	Nthamke
27	NILESH HARIDAS DHURVE	Nhurve
28	NILIMA VITTHALRAO KANGATE	N Kangate
29	PAYAL NAGORAO BHOMALE	P Bhomale
30	PAYAL SUNIL KURVE	P. Kurve
31	POOJA ASHOK KHADSE	Khadse
32	POOJA YADAV TIRPUDE	Pooja
33	PRAGATI HARIBHAU MAHALLE	P.H. mahalle
34	PRATIBHA BHAGWANJI BHONGADE	Bhongade
35	RAHUL DATTA KANTESHWAR	R. kanteshwar.
36	RAKHI RAMESH KULSANGE	R Kulsange
37	RAVINDRA DNYANESHWAR SAHARE	R Shahare
38	RINA PRAMODRAO WANKHEDE	Rwankhede
39	SACHIN AMBADAS SHEJAO	Shejao
40	SAGAR KISHORRAO GIRDE	Sgirade

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA.

41	SAGAR LAXMANRAO PAYGHAN	S.Payghan
42	SAVITA DASHRAT AAHAKE	Savita S.Giri.
43	SHIVANI BHASKAR GIRI	S.Mohurle
44	SHOBHANA PRABHAKARRAO MOHURLE	S. bhgurekar.
45	SHUBHAM GUNVANT BHAVEKAR	S.R. Keche
46	SHUBHAM RAJENDRA KECHE	Shubham Sujata Kale
47	SHUBHAM VILAS BAHALE	S.Chimurkar.
48	SHWETA GAJANAN KALE	S. Wasahade
49	SUCHITA GOJENDRA CHIMURKAR	T.D.
50	SWAPNIL RAMRAO WARHADE	Vaishnavi.
51	TAHIR FARUK DUNGE	V. Gomase
52	VAISHNAV ANIL RAUT	Vinit
53	VASANTIKA KISHOR GOMASE	Viraj
54	VINIT WASUDEORAO SONKUSARE	V. Shindode
55	VIRAJ HEMRAJ KATHOTE	
56	VISHAL HARIDAS SHINDODE	

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT MARKS

CLASS :- M.S.W. I SEM 2022-23

SUBJECT : STRATEGIES AND TRENDS IN URBAN COMMUNITY DEVEL.

Sr.No.	Name of Students	ATTENDANCE 5	SUBMISSION 5	PRESENTATION 5	VIVA-VOCE INTERACTION 5	TOTAL MARKS 20
1	ACHAL GURUDAS PANBUDE	5	5	4	5	19
2	AKASH SUDHAKARRAO MADANKAR	5	4	5	5	19
3	ANAND RAMESH JAVANJAL	3	5	5	5	18
4	ANIKET ASHOKRAO PARATE	5	5	5	5	20
5	ANKITA RAJENDRA THOTE	5	4	5	5	19
6	ARUNA SHRIRAM INGALE	4	5	5	5	19
7	ASHA MUNNA RAMPURE	5	4	5	5	19
8	ASHISH DNYANESHWAR LODE	5	5	5	4	19
9	ASHWIN DWARKADAS TAKSANDE	5	3	5	5	18
10	BHARAT ARUNRAO DESHMUKH	5	5	3	5	18
11	BHARTI NATTHUJI MESHRAM	5	5	5	5	20
12	BHUMESHWAR DIWAKARRAO SHENDE	5	4	5	5	19
13	BUDDHABHUSHAN SHAMRAO WATHORE	4	5	5	5	19
14	CHAITALI SUNIL BHENDARKAR	5	5	5	4	19
15	DEVANAND SHANKAR KULSANGE	4	5	5	5	19
16	DIPALI AMBADAS SHEDMAKE	5	5	4	5	19
17	DIVYANI TILOKCHAND SHENDE	5	4	5	5	19
18	JAYSHRI MAROTRAO DHORE	5	5	5	5	20
19	KAPIL GAUTAMRAO MOON	5	4	5	5	19
20	KAVITA LILADHARRAO PANBUDE	3	5	5	5	19
21	KISHOR NAMDEV KHAKARE	5	5	5	4	19
22	KISHORI SUBHASHRAO KANGALE	5	4	5	5	19
23	MANIT RAVINDRA DONGRE	5	5	4	5	19
24	MAYUR RAMESHRAO SAWANT	5	4	5	5	19
25	NAMITA VINOD MESHRAM	5	5	5	4	19
26	NILESH GAUTAM THAMKE	5	4	5	5	19
27	NILESH HARIDAS DHURVE	4	5	5	5	19
28	NILIMA VITTHALRAO KANGATE	5	4	5	5	19
29	PAYAL NAGORAO BHOMALE	5	5	5	4	19
30	PAYAL SUNIL KURVE	3	5	5	5	18
31	POOJA ASHOK KHADSE	5	5	5	3	18
32	POOJA YADAV TIRPUDE	5	3	5	5	18
33	PRAGATI HARIBHAU MAHALLE	4	5	5	5	19
34	PRATIBHA BHAGWANJI BHONGADE	5	5	4	5	19
35	RAHUL DATTA KANTESHWAR	5	3	5	5	18
36	RAKHI RAMESH KULSANGE	5	5	4	5	19
37	RAVINDRA DNYANESHWAR SAHARE	4	5	5	5	19
38	RINA PRAMODRAO WANKHEDE	5	5	4	5	19

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA.

39	SACHIN AMBADAS SHEJAO	5	4	5	5	19
40	SAGAR KISHORRAO GIRDE	5	5	4	5	19
41	SAGAR LAXMANRAO PAYGHAN	5	4	5	5	19
42	SAVITA DASHRAT AAHAKE	3	5	5	5	18
43	SHIVANI BHASKAR GIRI	5	5	5	4	19
44	SHOBHANA PRABHAKARRAO MOHURLE	4	5	5	5	19
45	SHUBHAM GUNVANT BHAVEKAR	5	5	4	5	19
46	SHUBHAM RAJENDRA KECHE	5	4	5	5	19
47	SHUBHAM VILAS BAHALE	5	3	5	5	18
48	SHWETA GAJANAN KALE	3	5	5	5	18
49	SUCHITA GOJENDRA CHIMURKAR	5	5	5	3	18
50	SWAPNIL RAMRAO WARHADE	5	4	5	5	19
51	TAHIR FARUK DUNGE	5	5	4	5	19
52	VAISHNAV ANIL RAUT	5	3	5	5	18
53	VASANTIKA KISHOR GOMASE	5	5	5	3	18
54	VINIT WASUDEORAO SONKUSARE	3	5	5	5	18
55	VIRAJ HEMRAJ KATHOTE	4	5	5	5	19
56	VISHAL HARIDAS SHINDODE	5	4	5	5	19

PRINCIPAL
Indraprastha [illegible] Arts, Commerce
& Science College, WARDHA.

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT ATTENDANCE

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT : Strategies & Trends in Urban community Develop.

Sr.No.	Name of Students	Singnature
1	ACHAL GURUDAS PANBUDE	
2	AKASH SUDHAKARRAO MADANKAR	Aakash
3	ANAND RAMESH JAVANJAL	AJavanjal
4	ANIKET ASHOKRAO PARATE	
5	ANKITA RAJENDRA THOTE	Thote
6	ARUNA SHRIRAM INGALE	Ingale
7	ASHA MUNNA RAMPURE	Asha
8	ASHISH DNYANESHWAR LODE	Ashishlode
9	ASHWIN DWARKADAS TAKSANDE	A. Thaksande
10	BHARAT ARUNRAO DESHMUKH	B Deshmukh
11	BHARTI NATTHUJI MESHRAM	Bmeshram
12	BHUMESHWAR DIWAKARRAO SHENDE	B.D. Shende
13	BUDDHABHUSHAN SHAMRAO WATHORE	Bwathore
14	CHAITALI SUNIL BHENDARKAR	Cbhendar
15	DEVANAND SHANKAR KULSANGE	D.S. Kulsange
16	DIPALI AMBADAS SHEDMAKE	Dshedmake
17	DIVYANI TILOKCHAND SHENDE	D. shende
18	JAYSHRI MAROTRAO DHORE	J. Dhore
19	KAPIL GAUTAMRAO MOON	K.G. Moon.
20	KAVITA LILADHARRAO PANBUDE	K.L.P Khore
21	KISHOR NAMDEV KHAKARE	
22	KISHORI SUBHASHRAO KANGALE	MKdongre
23	MANIT RAVINDRA DONGRE	M Sawant
24	MAYUR RAMESHRAO SAWANT	N meshram
25	NAMITA VINOD MESHRAM	NThamke
26	NILESH GAUTAM THAMKE	NDhurve
27	NILESH HARIDAS DHURVE	Nkangate
28	NILIMA VITTHALRAO KANGATE	PNBhomle
29	PAYAL NAGORAO BHOMALE	P. kurve
30	PAYAL SUNIL KURVE	Phadase
31	POOJA ASHOK KHADSE	Poojo
32	POOJA YADAV TIRPUDE	P. H. Mahalle
33	PRAGATI HARIBHAU MAHALLE	Pbhongade
34	PRATIBHA BHAGWANJI BHONGADE	R. kanteshwar.
35	RAHUL DATTA KANTESHWAR	RSkulsange
36	RAKHI RAMESH KULSANGE	RSshahare
37	RAVINDRA DNYANESHWAR SAHARE	Rwandhede
38	RINA PRAMODRAO WANKHEDE	Shejao
39	SACHIN AMBADAS SHEJAO	Girade
40	SAGAR KISHORRAO GIRDE	

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA

41	SAGAR LAXMANRAO PAYGHAN	S/Paygham
42	SAVITA DASHRAT AAHAKE	Savita
43	SHIVANI BHASKAR GIRI	Giri
44	SHOBHANA PRABHAKARRAO MOHURLE	S.Mohurle
45	SHUBHAM GUNVANT BHAVEKAR	S. bhavekar.
46	SHUBHAM RAJENDRA KECHE	S.R. keche
47	SHUBHAM VILAS BAHALE	Shubham
48	SHWETA GAJANAN KALE	Swetakale
49	SUCHITA GOJENDRA CHIMURKAR	Schimurkar.
50	SWAPNIL RAMRAO WARHADE	S. warahade.
51	TAHIR FARUK DUNGE	T. D.
52	VAISHNAV ANIL RAUT	Vaishnavee.
53	VASANTIKA KISHOR GOMASE	V. Gomase
54	VINIT WASUDEORAO SONKUSARE	Vinit
55	VIRAJ HEMRAJ KATHOTE	Viraj
56	VISHAL HARIDAS SHINDODE	V. shindode

PRINCIPAL
Indraprestha New Arts, Commerce & Science College, WARDHA.

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT MARKS

CLASS :- M.S.W. IV SEM NGO - MANAGEMENT AND MEDIA

SUBJECT : 2022-23

Sr.No.	Name of Students	ATTENDANCE 5	SUBMISSION 5	PRESENTATION 5	VIVA-VOCE INTERACTIO N 5	TOTAL MARKS 20
1	AACHAL KAILASRAO YAWALIKAR	5	5	5	4	19
2	AAKASH PUNDLIKRAO TALWEKAR	5	5	5	4	19
3	ABHISHEK ANIL TAYADE	5	5	5	4	19
4	ACHAL GURUDAS PANBUDE	5	5	5	3	18
5	AJAY TULSHIRAM BHAYMARE	5	5	5	4	19
6	AKASH SUDHAKARRAO MADANKAR	5	5	5	4	19
7	AKSHAY BANDUJI PUNDKAR	5	5	5	4	19
8	ANAMIKA MUKINDA HATAGALE	5	5	5	3	18
9	ANAND RAMESH JAVANJAL	5	5	5	3	18
10	ANIKET ASHOKRAO PARATE	5	5	5	4	19
11	ANJALI RAMESHWAR BOKEY	5	5	5	5	20
12	ANKITA GAJANANRAO NASARE	5	5	5	4	19
13	ANKITA RAJENDRA THOTE	5	5	5	4	19
14	ARUNA SHRIRAM INGALE	5	5	5	3	18
15	ASHA MUNNA RAMPURE	5	5	5	3	18
16	ASHISH DNYANESHWAR LODE	5	5	5	4	19
17	ASHWIN DWARKADAS TAKSANDE	5	5	5	3	18
18	ASHWINI BABARAO CHAMATE	5	5	5	4	19
19	ASHWINI SHANKARRAO GIRI	5	5	5	4	19
20	BHAGYASHRI NARENDRA DESHMUKH	5	5	5	4	19
21	BHAGYASHRI PRABHUNATH SURANDASE	5	5	5	4	19
22	BHARAT ARUNRAO DESHMUKH	5	5	5	4	19
23	BHARTI NATTHUJI MESHRAM	5	5	5	5	20
24	BHARTI VISHWANATH KASAR	5	5	5	4	19
25	BHUMESHWAR DIWAKARRAO SHENDE	5	5	5	4	19
26	BHUMIKA BALU GOLAMBE	5	5	5	4	19
27	BRUHADATTA JAGANRAO PAKHALE	5	5	5	4	19
28	BUDDHABHUSHAN SHAMRAO WATHORE	5	5	5	3	18
29	CHAITALI SUNIL BHENDARKAR	5	5	5	4	19
30	CHANCHAL BHAURAOJI LANJEWAR	5	5	5	4	19
31	DEVANAND SHANKAR KULSANGE	5	5	5	4	19
32	DIKSHA SUDHAKAR THAKARE	5	5	5	4	19
33	DIPALI AMBADAS SHEDMAKE	5	5	5	3	18
34	DIVYA VINAYAK NAGPURKAR	5	5	5	3	18
35	DIVYANI TILOKCHAND SHENDE	5	5	5	4	19

PRINCIPAL
Indraprastha New Arts, Commerce
College, WARDHA

36	DURGA DULSING RATHOD	5	5	5	4	19
37	DURGESH MADHAV NEWARE	5	5	5	4	19
38	GAJANAN WASUDEO SIDAM	5	5	5	4	19
39	GAURAV GURUDAS MADAVI	5	5	5	4	19
40	ISHAN KESHAO POKALE	5	5	5	4	19
41	ISHATA VISHAL LONDHE	5	5	5	4	19
42	JAYSHRI MAROTRAO DHORE	5	5	5	5	20
43	KAJAL DADARAO CHAVHAN	5	5	5	4	19
44	KAPIL GAUTAMRAO MOON	5	5	5	4	19
45	KAVITA LILADHARRAO PANBUDE	5	5	5	4	19
46	KISHOR NAMDEV KHAKARE	5	5	5	4	19
47	KISHORI SUBHASHRAO KANGALE	5	5	5	4	19
48	KOMAL ASHOK MERUGWAR	5	5	5	4	19
49	KOMAL KAILAS WANKHADE	5	5	5	4	19
50	KOMAL SHALIKRAO WAGHADE	5	5	5	4	19
51	KOMAL TOLARAM CHAVHAN	5	5	5	4	19
52	KOYNA MUKINDA HATAGALE	5	5	5	4	19
53	KUNAL PANDURANG PARISE	5	5	5	4	19
54	LAXMI RAGHUNATH KHADKE	5	5	5	3	18
55	MAMATA SANJAY MARASKOLHE	5	5	5	3	18
56	MANGESH SHRIKRUSHNAJI PATILPAIK	5	5	5	4	19
57	MANISHA UTTAMRAO WANKHADE	5	5	5	3	18
58	MANIT RAVINDRA DONGRE	5	5	5	3	18
59	MAYUR RAMESHRAO SAWANT	5	5	5	3	18
60	MRUNALI DATTATRAYRAO BUDE	5	5	5	3	18
61	NAMITA VINOD MESHRAM	5	5	5	3	18
62	NIKHIL CHANDRAKANT MANKAR	5	5	5	3	18
63	NIKITA AANNA CHADHOKAR	5	5	5	4	19
64	NIKITA RAVINDRA HOLEY	5	5	5	4	19
65	NILESH GAUTAM THAMKE	5	5	5	4	19
66	NILESH HARIDAS DHURVE	5	5	5	4	19
67	NILIMA VITTHALRAO KANGATE	5	5	5	4	19
68	NISHA NARESH VAIRAGADE	5	5	5	4	19
69	PAYAL CHAKRADHAR KANHERKAR	5	5	5	4	19
70	PAYAL NAGORAO BHOMALE	5	5	5	4	19
71	PAYAL SUNIL KURVE	5	5	5	4	19
72	POOJA ASHOK KHADSE	5	5	5	4	19
73	POOJA YADAV TIRPUDE	5	5	5	4	19
74	PRACHI RAJU CHAUDHARI	5	5	5	4	19
75	PRAGATI HARIBHAU MAHALLE	5	5	5	4	19
76	PRANJALI UTTAMRAO NAKHALE	5	5	5	4	19
77	PRATIBHA BHAGWANJI BHONGADE	5	5	5	4	19
78	PRATIKSHA VINODRAO KHADSE	5	5	5	4	19
79	PRITESH VINODRAO KHADSE	5	5	5	5	20

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA.

80	RAHUL DATTA KANTESHWAR	5	5	5	4	19
81 .	RAKHI RAMESH KULSANGE	5	5	5	4	19
82	RAVINDRA DNYANESHWAR SAHARE	5	5	5	4	19
83	RAVINDRA WASUDEO JADHAO	5	5	5	4	19
84	RINA PRAMODRAO WANKHEDE	5	5	5	4	19
85	ROHAN HANUMAN GHUME	5	5	5	4	19
86	RUPESH SHRIKRUSHNA NANDANE	5	5	5	3	18
87	RUTUJA ANANDRAO ATAKAR	5	5	5	4	19
88	RUTWIK RAJENDRA KOLHE	5	5	5	4	19
89	SACHIN AMBADAS SHEJAO	5	5	5	3	18
90	SACHIN RAMESH CHAVHAN	5	5	5	3	18
91	SAGAR KISHORRAO GIRDE	5	5	5	4	19
92	SAGAR LAXMANRAO PAYGHAN	5	5	5	4	19
93	SAHIL SUDHIR PETHE	5	5	5	3	18
94	SAMMOHI DILIPRAO KOHALE	5	5	5	4	19
95	SAVITA DASHRAT AAHAKE	5	5	5	3	18
96	SHIVANI BHASKAR GIRI	5	5	5	3	18
97	SHIVANI PRABHAKAR BHOYAR	5	5	5	4	19
98	SHIVANI WAMANRAO NAITAM	5	5	5	3	18
99	SHIWANI SUDHAKAR KURSANGE	5	5	5	4	19
100	SHOBHANA PRABHAKARRAO MOHURLE	5	5	5	4	19
101	SHUBHAM DILIPRAO CHAUDHARI	5	5	5	4	19
102	SHUBHAM GUNVANT BHAVEKAR	5	5	5	4	19
103	SHUBHAM RAJENDRA KECHE	5	5	5	3	18
104	SHUBHAM VILAS BAHALE	5	5	5	3	18
105	SHWETA GAJANAN BAMBAL	5	5	5	4	19
106	SHWETA GAJANAN KALE	5	5	5	4	19
107	SUCHITA GOJENDRA CHIMURKAR	5	5	5	4	19
108	SUJATA DILIPRAO GOLHAR	5	5	5	4	19
109	SUMEDH RAMKRUSHNA GUJAR	5	5	5	4	19
110	SURAJ KISANRAO INGOLE	5	5	5	4	19
111	SUSHMIT MAHENDRA WANKHEDE	5	5	5	4	19
112	SWAPNIL RAMRAO WARHADE	5	5	5	4	19
113	SWAPNIL ZANAKRAO NAPTE	5	5	5	4	19
114	TAHIR FARUK DUNGE	5	5	5	4	19
115	UMESH PRAMOD WAGHAMODE	5	5	5	4	19
116	VAIBHAV CHANDRABHANJI MEGHARE	5	5	5	4	19
117	VAIBHAV GAJANANRAO MANDADE	5	5	5	4	19
118	VAISHALI DNYANESHWAR GADGE	5	5	5	4	19
119	VAISHNAV ANIL RAUT	5	5	5	3	18
120	VAISHNAVI DHANRAJ SURSAUT	5	5	5	4	19
121	VAISHNAVI VILASRAO WADE	5	5	5	4	19
122	VANITA RAJENDRA DHONGADE	5	5	5	4	19
123	VASANTIKA KISHOR GOMASE	5	5	5	4	19

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124	VINIT WASUDEORAO SONKUSARE	5	5	5	4	19
125	VIRAJ HEMRAJ KATHOTE	5	5	5	4	19
126	VISHAL HARIDAS SHINDODE	5	5	5	4	19
127	WANITA SUDHAKARRAO RATHOD	5	5	5	4	18
128	CHANDAN RAJU KALE	5	5	5	4	19
129	SONALI BHAGYAWAN BHAGAT	5	5	5	4	19

PRINCIPAL
Indraprastha New Arts, Commerce
& Science College, WARDHA

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT ATTEDANCE

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT : N.G.O. Manegment

Sr.No.	Name of Students	signature
1	AACHAL KAILASRAO YAWALIKAR	Aachal.
2	AAKASH PUNDLIKRAO TALWEKAR	ATalwekar
3	ABHISHEK ANIL TAYADE	Tayde
4	ACHAL GURUDAS PANBUDE	A.Panbude.
5	AJAY TULSHIRAM BHAYMARE	Bure
6	AKASH SUDHAKARRAO MADANKAR	AMadankar
7	AKSHAY BANDUJI PUNDKAR	Akshay
8	ANAMIKA MUKINDA HATAGALE	Hatale
9	ANAND RAMESH JAVANJAL	Ajavale
10	ANIKET ASHOKRAO PARATE	A. A Prate
11	ANJALI RAMESHWAR BOKEY	A Bokey
12	ANKITA GAJANANRAO NASARE	A. G. Nasare
13	ANKITA RAJENDRA THOTE	Athote
14	ARUNA SHRIRAM INGALE	A.S.Ingale
15	ASHA MUNNA RAMPURE	Asha.
16	ASHISH DNYANESHWAR LODE	A. Rampure
17	ASHWIN DWARKADAS TAKSANDE	Ashishlode, Araksande
18	ASHWINI BABARAO CHAMATE	
19	ASHWINI SHANKARRAO GIRI	Agiri
20	BHAGYASHRI NARENDRA DESHMUKH	Bhagyashree
21	BHAGYASHRI PRABHUNATH SURANDASE	Bsurandase
22	BHARAT ARUNRAO DESHMUKH	B.A Deshmukh.
23	BHARTI NATTHUJI MESHRAM	B. Meshram.
24	BHARTI VISHWANATH KASAR	B.V. Kasar.
25	BHUMESHWAR DIWAKARRAO SHENDE	Bshende.
26	BHUMIKA BALU GOLAMBE	B. Golambe.
27	BRUHADATTA JAGANRAO PAKHALE	BPakhale.
28	BUDDHABHUSHAN SHAMRAO WATHORE	Bwathore.
29	CHAITALI SUNIL BHENDARKAR	Chaitali.
30	CHANCHAL BHAURAOJI LANJEWAR	Chanchal.lanjewar
31	DEVANAND SHANKAR KULSANGE	D.S. Kulsange.
32	DIKSHA SUDHAKAR THAKARE	D.Thakare
33	DIPALI AMBADAS SHEDMAKE	Dshedmake
34	DIVYA VINAYAK NAGPURKAR	D. Nagpurkar.
35	DIVYANI TILOKCHAND SHENDE	D. Shende
36	DURGA DULSING RATHOD	D. Rathod
37	DURGESH MADHAV NEWARE	Dneware.
38	GAJANAN WASUDEO SIDAM	G. W. Sidam
39	GAURAV GURUDAS MADAVI	G. G. Madavi.

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Indraprastha New Arts, Commerce & Science College, WARDHA

40	ISHAN KESHAO POKALE	
41	ISHATA VISHAL LONDHE	
42	JAYSHRI MAROTRAO DHORE	
43	KAJAL DADARAO CHAVHAN	
44	KAPIL GAUTAMRAO MOON	
45	KAVITA LILADHARRAO PANBUDE	
46	KISHOR NAMDEV KHAKARE	
47	KISHORI SUBHASHRAO KANGALE	
48	KOMAL ASHOK MERUGWAR	
49	KOMAL KAILAS WANKHADE	
50	KOMAL SHALIKRAO WAGHADE	
51	KOMAL TOLARAM CHAVHAN	
52	KOYNA MUKINDA HATAGALE	
53	KUNAL PANDURANG PARISE	
54	LAXMI RAGHUNATH KHADKE	
55	MAMATA SANJAY MARASKOLHE	
56	MANGESH SHRIKRUSHNAJI PATILPAIK	
57	MANISHA UTTAMRAO WANKHADE	
58	MANIT RAVINDRA DONGRE	
59	MAYUR RAMESHRAO SAWANT	
60	MRUNALI DATTATRAYRAO BUDE	
61	NAMITA VINOD MESHRAM	
62	NIKHIL CHANDRAKANT MANKAR	
63	NIKITA AANNA CHADHOKAR	
64	NIKITA RAVINDRA HOLEY	
65	NILESH GAUTAM THAMKE	
66	NILESH HARIDAS DHURVE	
67	NILIMA VITTHALRAO KANGATE	
68	NISHA NARESH VAIRAGADE	
69	PAYAL CHAKRADHAR KANHERKAR	
70	PAYAL NAGORAO BHOMALE	
71	PAYAL SUNIL KURVE	
72	POOJA ASHOK KHADSE	
73	POOJA YADAV TIRPUDE	
74	PRACHI RAJU CHAUDHARI	
75	PRAGATI HARIBHAU MAHALLE	
76	PRANJALI UTTAMRAO NAKHALE	
77	PRATIBHA BHAGWANJI BHONGADE	
78	PRATIKSHA VINODRAO KHADSE	
79	PRITESH VINODRAO KHADSE	
80	RAHUL DATTA KANTESHWAR	
81	RAKHI RAMESH KULSANGE	
82	RAVINDRA DNYANESHWAR SAHARE	
83	RAVINDRA WASUDEO JADHAO	
84	RINA PRAMODRAO WANKHEDE	
85	ROHAN HANUMAN GHUME	

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Indraprastha Arts, Commerce
& Science College, WARDHA.

86	KUPESH SHRIKRUSHNA NANDANE	Nandane
87	RUTUJA ANANDRAO ATAKAR	R.A.
88	RUTWIK RAJENDRA KOLHE	Rutwik.
89	SACHIN AMBADAS SHEJAO	S. Shejo.
90	SACHIN RAMESH CHAVHAN	S.C.
91	SAGAR KISHORRAO GIRDE	Girade
92	SAGAR LAXMANRAO PAYGHAN	Paygham
93	SAHIL SUDHIR PETHE	Sahil.
94	SAMMOHI DILIPRAO KOHALE	Kahale.
95	SAVITA DASHRAT AAHAKE	Savita
96	SHIVANI BHASKAR GIRI	Giri
97	SHIVANI PRABHAKAR BHOYAR	Shivan. bhoyar.
98	SHIVANI WAMANRAO NAITAM	Shivani. N.
99	SHIWANI SUDHAKAR KURSANGE	Mohurle
100	SHOBHANA PRABHAKARRAO MOHURLE	S. Kursange.
101	SHUBHAM DILIPRAO CHAUDHARI	S. Mohurle.
102	SHUBHAM GUNVANT BHAVEKAR	S. bhavekar.
103	SHUBHAM RAJENDRA KECHE	S.R. Keche.
104	SHUBHAM VILAS BAHALE	Shubham.
105	SHWETA GAJANAN BAMBAL	Shwetapapal.
106	SHWETA GAJANAN KALE	Sweta kale
107	SUCHITA GOJENDRA CHIMURKAR	Schimurkar.
108	SUJATA DILIPRAO GOLHAR	S. gujar.
109	SUMEDH RAMKRUSHNA GUJAR	S.T.
110	SURAJ KISANRAO INGOLE	Sushmita
111	SUSHMIT MAHENDRA WANKHEDE	S. Wasad.
112	SWAPNIL RAMRAO WARHADE	S. Warahade.
113	SWAPNIL ZANAKRAO NAPTE	Napte.
114	TAHIR FARUK DUNGE	T. D
115	UMESH PRAMOD WAGHAMODE	Umesh.
116	VAIBHAV CHANDRABHANJI MEGHARE	V. Meghare.
117	VAIBHAV GAJANANRAO MANDADE	Vaibhav.
118	VAISHALI DNYANESHWAR GADGE	V. G.
119	VAISHNAV ANIL RAUT	Vaishanvi.
120	VAISHNAVI DHANRAJ SURSAUT	Wade
121	VAISHNAVI VILASRAO WADE	V. D.
122	VANITA RAJENDRA DHONGADE	Vasantika
123	VASANTIKA KISHOR GOMASE	V. Gomase
124	VINIT WASUDEORAO SONKUSARE	Vinit
125	VIRAJ HEMRAJ KATHOTE	Viraj
126	VISHAL HARIDAS SHINDODE	V. Shindode.
127	WANITA SUDHAKARRAO RATHOD	Wanita.
128	CHANDAN RAJU KALE	C. Kale.
129	SONALI BHAGYAWAN BHAGAT	S. bhagat.

PRINCIPAL
Indraprastha Arts, Commerce & Science College, WARDHA

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT MARKS

CLASS :- M.S.W. I SEM 2022-23

SUBJECT : COUNSELLING IN MEDICAL AND PSYCHIATRIC SETTINGS

Sr. No.	Name of Students	ATTENDANCE 5	SUBMISSION 5	PRESENTATION 5	VIVA-VOCE INTERACTION 5	TOTAL MARKS 20
1	AACHAL KAILASRAO YAWALIKAR	5	5	5	3	18
2	AAKASH PUNDLIKRAO TALWEKAR	5	5	5	4	19
3	ABHISHEK ANIL TAYADE	5	5	4	5	19
4	AJAY TULSHIRAM BHAYMARE	5	5	5	3	18
5	AKSHAY BANDUJI PUNDKAR	4	5	5	4	18
6	ANAMIKA MUKINDA HATAGALE	5	5	5	4	19
7	ANJALI RAMESHWAR BOKEY	5	5	5	5	20
8	ANKITA GAJANANRAO NASARE	5	5	5	4	19
9	ASHWINI BABARAO CHAMATE	5	5	4	5	19
10	ASHWINI SHANKARRAO GIRI	5	5	4	5	19
11	BHAGYASHRI NARENDRA DESHMUKH	5	5	5	4	19
12	BHAGYASHRI PRABHUNATH SURANDASE	5	5	5	4	19
13	BHARTI VISHWANATH KASAR	5	5	4	5	19
14	BHUMIKA BALU GOLAMBE	5	5	4	5	19
15	BRUHADATTA JAGANRAO PAKHALE	5	5	4	5	19
16	CHANCHAL BHAURAOJI LANJEWAR	5	4	5	5	19
17	DIKSHA SUDHAKAR THAKARE	5	5	4	5	19
18	DIVYA VINAYAK NAGPURKAR	5	4	5	4	18
19	DURGA DULSING RATHOD	5	5	4	5	19
20	DURGESH MADHAV NEWARE	5	5	5	4	19
21	GAJANAN WASUDEO SIDAM	5	5	4	5	19
22	GAURAV GURUDAS MADAVI	5	5	4	5	19
23	ISHAN KESHAO POKALE	5	5	5	4	19
24	ISHATA VISHAL LONDHE	5	4	5	5	19
25	KAJAL DADARAO CHAVHAN	5	4	5	5	19
26	KOMAL ASHOK MERUGWAR	5	4	5	5	19
27	KOMAL KAILAS WANKHADE	5	5	4	5	19
28	KOMAL SHALIKRAO WAGHADE	5	5	5	4	19
29	KOMAL TOLARAM CHAVHAN	5	5	4	5	19
30	KOYNA MUKINDA HATAGALE	5	5	5	4	19
31	KUNAL PANDURANG PARISE	5	5	5	4	19
32	LAXMI RAGHUNATH KHADKE	5	4	4	5	18
33	MAMATA SANJAY MARASKOLHE	5	5	4	5	19
34	MANGESH SHRIKRUSHNAJI PATILPAIK	5	5	5	4	19
35	MANISHA UTTAMRAO WANKHADE	5	5	4	5	19
36	MRUNALI DATTATRAYRAO BUDE	5	5	4	4	18
37	NIKHIL CHANDRAKANT MANKAR	5	5	4	5	19
38	NIKITA AANNA CHADHOKAR	5	4	5	4	18
39	NIKITA RAVINDRA HOLEY	5	5	4	5	19
40	NISHA NARESH VAIRAGADE	5	5	4	5	19
41	PAYAL CHAKRADHAR KANHERKAR	5	5	5	4	19

PRINCIPAL
Indraprastha Arts, Commerce & Science College, WARDHA.

42	PRACHI RAJU CHAUDHARI	5	5	4	5	19
43	PRANJALI UTTAMRAO NAKHALE	5	5	5	4	19
44	PRATIKSHA VINODRAO KHADSE	5	4	4	5	18
45	PRITESH VINODRAO KHADSE	5	5	4	5	19
46	RAVINDRA WASUDEO JADHAO	5	5	5	4	19
47	ROHAN HANUMAN GHUME	5	5	4	5	19
48	RUPESH SHRIKRUSHNA NANDANE	5	4	5	4	18
49	RUTUJA ANANDRAO ATAKAR	5	5	4	5	19
50	RUTWIK RAJENDRA KOLHE	5	4	5	5	19
51	SACHIN RAMESH CHAVHAN	5	5	4	5	19
52	SAHIL SUDHIR PETHE	5	5	4	4	18
53	SAMMOHI DILIPRAO KOHALE	5	5	5	4	19
54	SHIVANI PRABHAKAR BHOYAR	5	5	5	4	19
55	SHIVANI WAMANRAO NAITAM	5	5	4	5	19
56	SHIWANI SUDHAKAR KURSANGE	5	5	5	3	18
57	SHUBHAM DILIPRAO CHAUDHARI	5	5	5	4	19
58	SHWETA GAJANAN BAMBAL	5	5	4	5	19
59	SUJATA DILIPRAO GOLHAR	5	4	5	5	19
60	SUMEDH RAMKRUSHNA GUJAR	5	5	4	4	18
61	SURAJ KISANRAO INGOLE	5	5	4	5	19
62	SUSHMIT MAHENDRA WANKHEDE	5	5	4	5	19
63	SWAPNIL ZANAKRAO NAPTE	5	5	4	5	19
64	UMESH PRAMOD WAGHAMODE	5	5	4	5	19
65	VAIBHAV CHANDRABHANJI MEGHARE	5	5	5	4	19
66	VAIBHAV GAJANANRAO MANDADE	5	5	5	4	19
67	VAISHALI DNYANESHWAR GADGE	5	5	5	4	19
68	VAISHNAVI DHANRAJ SURSAUT	5	5	4	5	19
69	VAISHNAVI VILASRAO WADE	5	4	5	5	19
70	VANITA RAJENDRA DHONGADE	5	5	4	5	19
71	WANITA SUDHAKARRAO RATHOD	5	5	4	5	19

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Indraprastha New Arts, Commerce & Science College, WARDHA.

INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT ATTENDANCE

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT : COUNSELLING IN MEDICAL AND PSYCHIATRIC SETTINGS

Sr. No.	Name of Students	Signature
1	AACHAL KAILASRAO YAWALIKAR	A. Yawalikar
2	AAKASH PUNDLIKRAO TALWEKAR	Talewekar
3	ABHISHEK ANIL TAYADE	Tayade
4	AJAY TULSHIRAM BHAYMARE	Bhaymare
5	AKSHAY BANDUJI PUNDKAR	Akshay
6	ANAMIKA MUKINDA HATAGALE	ABata
7	ANJALI RAMESHWAR BOKEY	A. Boke
8	ANKITA GAJANANRAO NASARE	Ankita
9	ASHWINI BABARAO CHAMATE	Ashu
10	ASHWINI SHANKARRAO GIRI	Ashwini
11	BHAGYASHRI NARENDRA DESHMUKH	Deshmukh
12	BHAGYASHRI PRABHUNATH SURANDASE	Surandase
13	BHARTI VISHWANATH KASAR	Bharti
14	BHUMIKA BALU GOLAMBE	Bgolambe
15	BRUHADATTA JAGANRAO PAKHALE	Bkhale
16	CHANCHAL BHAURAOJI LANJEWAR	Lanjewar
17	DIKSHA SUDHAKAR THAKARE	Thakre
18	DIVYA VINAYAK NAGPURKAR	Nag
19	DURGA DULSING RATHOD	D. Rathod
20	DURGESH MADHAV NEWARE	Dneware
21	GAJANAN WASUDEO SIDAM	Sidam
22	GAURAV GURUDAS MADAVI	Gmadavi
23	ISHAN KESHAO POKALE	Ishan Pokale
24	ISHATA VISHAL LONDHE	
25	KAJAL DADARAO CHAVHAN	Chavhan
26	KOMAL ASHOK MERUGWAR	Chavhan
27	KOMAL KAILAS WANKHADE	Komal W.
28	KOMAL SHALIKRAO WAGHADE	Wankhade
29	KOMAL TOLARAM CHAVHAN	Karemkar
30	KOYNA MUKINDA HATAGALE	K. Hatagale
31	KUNAL PANDURANG PARISE	Kunal P
32	LAXMI RAGHUNATH KHADKE	Khadke
33	MAMATA SANJAY MARASKOLHE	Mamata
34	MANGESH SHRIKRUSHNAJI PATILPAIK	Mpatil
35	MANISHA UTTAMRAO WANKHADE	Mwankhade
36	MRUNALI DATTATRAYRAO BUDE	Mbude
37	NIKHIL CHANDRAKANT MANKAR	N. Mankar
38	NIKITA AANNA CHADHOKAR	N. Chandekar
39	NIKITA RAVINDRA HOLEY	Nhole
40	NISHA NARESH VAIRAGADE	N Vairagade
41	PAYAL CHAKRADHAR KANHERKAR	Payal K.
42	PRACHI RAJU CHAUDHARI	Pchau

PRINCIPAL
Indraprastha ... Arts, Commerce & Science College, WARDHA.

43	PRANJALI UTTAMRAO NAKHALE	
44	PRATIKSHA VINODRAO KHADSE	
45	PRITESH VINODRAO KHADSE	
46	RAVINDRA WASUDEO JADHAO	
47	ROHAN HANUMAN GHUME	
48	RUPESH SHRIKRUSHNA NANDANE	
49	RUTUJA ANANDRAO ATAKAR	
50	RUTWIK RAJENDRA KOLHE	
51	SACHIN RAMESH CHAVHAN	
52	SAHIL SUDHIR PETHE	
53	SAMMOHI DILIPRAO KOHALE	
54	SHIVANI PRABHAKAR BHOYAR	
55	SHIVANI WAMANRAO NAITAM	
56	SHIWANI SUDHAKAR KURSANGE	
57	SHUBHAM DILIPRAO CHAUDHARI	
58	SHWETA GAJANAN BAMBAL	
59	SUJATA DILIPRAO GOLHAR	
60	SUMEDH RAMKRUSHNA GUJAR	
61	SURAJ KISANRAO INGOLE	
62	SUSHMIT MAHENDRA WANKHEDE	
63	SWAPNIL ZANAKRAO NAPTE	
64	UMESH PRAMOD WAGHAMODE	
65	VAIBHAV CHANDRABHANJI MEGHARE	
66	VAIBHAV GAJANANRAO MANDADE	
67	VAISHALI DNYANESHWAR GADGE	
68	VAISHNAVI DHANRAJ SURSAUT	
69	VAISHNAVI VILASRAO WADE	
70	VANITA RAJENDRA DHONGADE	
71	WANITA SUDHAKARRAO RATHOD	

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Consolidated Internal Split Up Report
Exam Name: FOURTH SEMESTER B.A. Sem IV
Subject Name: POLITICAL SCIENCE
College Name: (665) NEW ARTS COMMERCE AND SCIENCE COLLEGE, WARDHA
Session: Summer-2021

Sr	Seat No	Enrollment	Student Name	Model TEST I	CIE	Model Test II	CIE	Average	Final Marks
				Max Marks 05	Max Marks 05	Max Marks 05	Max Marks 05		Max Marks 20
1	336027	20202066501180	AAFRIN HABIBA SHEIKH	05	05	05	4.5	19.5	20
2	336028	20202066501182	ANKITA SATISH BAILBODE	05	05	05	05	20	20
3	336029	20202066501184	ASHWINI PURUSHOTTAM NIKUDE	05	05	4.5	05	19.5	20
4	336031	20202066501187	BHAGYAREKHA GAJANAN NEWARE	05	04	05	05	19	19
5	336032	20202066501188	BHAIRAVI ARUN WALDE	05	05	05	05	20	20
6	336034	20202066501190	DHANASHRI VILASRAO KOHALE	4.5	05	05	05	19.5	20
7	336035	20202066501191	DIKSHA SANJAY PATIL	05	05	4.5	05	19.5	20
8	336036	20192081517567	DIPALI MORESHWAR DHOTE	05	05	4.5	4.5	19	19
9	336037	20202066501193	DIVYA SUKHDEV KADHAV	05	05	05	4.5	19.5	20
10	336038	20202066501194	DIVYA YOGESH SALVE	05	05	05	05	20	20
11	336040	20202066501196	GAYATRI ARVIND DAHELKAR	05	4.5	05	5	19.5	20
12	336041	20202066501199	KALPANA VILAS SURYAWANSHI	05	05	05	05	20	20
13	336044	NU/A15/90054	KHUSHABU RAJU SHIVANKAR	05	05	05	4	19	19
14	336046	20192081517577	KOMAL SONBAJI RAUT	05	05	4.5	05	19.5	20
15	336049	20202066501207	MAYURI ANKUSHRAO ZOD	05	05	4.5	5	19.5	20
16	336050	20202066501210	MINAL DEVIDASRAO KOHALE	05	05	05	4.5	19.5	20
17	336053	20202066501218	PALLAVI VITTHAL KHANDALKAR	05	05	05	4.5	19.5	20
18	336055	20202066501220	POOJA DILIPRAO KURWADE	05	4.5	05	05	19.5	20
19	336056	20202066501227	POOJA RANVIR ATRAM	05	05	05	05	20	20
20	336057	20192081517589	PRACHI PRAVIN LOKHANDE	05	05	05	05	20	20
21	336059	20202066501221	PRANJALEE DNYANESHWAR EEWANATE	05	05	4.5	05	19.5	20

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Consolidated Internal Split Up Report
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Subject Name: POLITICAL SCIENCE
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22	336060	20192081517560	PRATIKSHA NIRANJAN KAMBLE	05	05	04	04.5	18.5	19
23	336061	20175081530306	PRIYA PURUSHOTTAM EVNATE	05	05	4.5	05	19.5	20
24	336062	20202066501224	PRIYANKA KALIN NADE	05	05	4.5	05	19.5	20
25	336063	20202066501228	PUNAM PADMAKAR WATGURE	05	05	05	05	20	20
26	336065	PROVISIONAL	ROHINI MORESHWAR NEHARE	04	05	05	4.5	18.5	19
27	336066	20202066501231	SAKSHI ANIL KHARKATE	05	4.5	05	05	19.5	20
28	336068	20202066501234	SAPANA MAROTRAOJI NASARE	05	05	05	05	20	20
29	336070	20202066501236	SHITAL SUKESH MAHULE	05	4.5	05	05	19.5	20
30	336072	20202066501238	SHUBHANGI SUDHAKAR BORSARE	05	05	05	05	20	20
31	336074	20202066501239	SNEHA PRAMODRAO JAUNJAL	05	05	05	05	20	20
32	336076	20202066501246	TANU VASANTRAO JOGE	05	05	05	05	20	20
33	336079	20202066501248	VANDANA ROHIDAS PACHE	05	05	05	05	20	20
34	336081	20202066501252	ABHISHEK SANTOSHRAO DEULKAR	05	4.5	05	05	19.5	20
35	336082	20202066501253	ADARSH SUNIL MESHRE	05	4.5	05	4.5	19	20
36	336083	20192082722951	AJAY BHAGWAN PAWAR	05	05	05	05	20	20
37	336084	20192080318293	AJAY FAKIRAJI JADHAO	05	05	4.5	05	19.5	20
38	336085	20182082928577	AMAR RAHUL MANKAR	05	05	05	05	20	20
39	336087	20202017401067	ANKITA PRAMODRAO BALSARAF	05	05	05	4.5	19.5	20
40	336088	20202066501259	ASHISH DASHRATH AHER	05	05	05	05	20	20
41	336089	20202066501260	ASHISH MADHUKAR SONTAKKE	4.5	4.5	05	4.5	18.5	19
42	336090	20202066501261	ATUL SHARDAPRASAD GAUTAM	05	05	4.5	05	19.5	20
43	336091	20175080329270	AVINASH PURUSHOTTAM NIKODE	05	05	05	05	20	20
44	336092	201501660099786	DINESH PRAMODRAO BAMNOTE	05	4.5	4.5	05	19	20
45	336095	20192080318364	GAURAO PADMAKARRAO CHAUDHARI	05	05	05	05	20	20
46	336096	20202066501270	GAWRAO RAVINDRA RAIPURE	05	4.5	05	05	19.5	20
47	336097	20202066501271	GIRISH VINODRAO BHENDE	4.5	4.5	05	4.5	18.5	19

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Consolidated Internal Split Up Report
Exam Name: FOURTH SEMESTER B.A. Sem IV
Subject Name: POLITICAL SCIENCE
College Name: (665) NEW ARTS COMMERCE AND SCIENCE COLLEGE, WARDHA
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48	336098	20192081517630	HARSHAL SUDHAKAR THAKRE	05	05	05	4.5	19.5	20
49	336099	201501660126445 6	JAGDISH ASHOKRAO DHUMNE	05	05	05	4.5	19.5	20
50	336100	20192101007815	KHUSHAL SUNIL MANDHARE	05	05	05	05	20	20
51	336101	20182081500741	LALIT LAXMAN NANHE	05	05	05	4.5	19.5	20
52	336102	20202066501278	MAHESH AJABRAO SHEDMATE	05	05	05	05	20	20
53	336106	20202066501282	MAYUR ASHOKRAO UIKEY	4.5	4.5	4.5	05	18.5	19
54	336107	20192080318409	MITHUN SHIWLAL MOHITE	05	05	05	05	20	20
55	336109	20192081517645	NAYAN ASHOKRAO BAWANE	05	05	05	05	20	20
56	336111	20192081517648	NIKHIL SANJAY RATNAPARKHI	05	4.5	05	05	19.5	20
57	336112	20182081500765	NIKHIL SUDHAKAR KURWADE	05	05	05	05	20	20
58	336113	20173086832395	PRAJWAL BHASHKAR THOOL	04	05	05	05	19	19
59	336115	20182080325447	PRANAY SHRAVAN DIWATE	20	20	20	05	20	20
60	336116	201401660113443 2	RANJIT MUKUNDRAO GHORPADE	05	4.5	05	05	20	19
61	336117	NU/A15/73624	RANJIT RAHUL MANKAR	05	05	05	05	20	20
62	336118	20192081517659	ROHIT KHUSHALRAO CHAUDHARI	05	05	05	3.5	18.5	19
63	336119	20181081501002	SACHIN GAJANAN KAKDE	05	3.5	05	05	18.5	19
64	336120	20182090024782	SAGAR SHALIK THAKARE	04	05	05	05	19	19
65	336121	20202066501299	SAMIR ANANDRAO SHENDE	05	05	05	05	20	20
66	336122	20202066501300	SANDESH SUNIL DUPARE	4.5	4.5	05	05	19	19
67	336123	20172081519646	SANGAM SIDDHARTHJI JANGLE	05	05	05	05	20	20
68	336124	20192081517671	SHAILESH LAXMANRAO KALASKAR	04	05	05	05	19	19
69	336125	20192081517675	SHUBHAM LAXMANRAO GEDAM	05	04	05	05	19	19
70	336126	20192081517678	SHUBHAM VIJAYRAO CHAVHAN	05	4.5	05	4.5	19	19
71	336127	20182081500841	SUMIT PURUSHOTTAM KARMORE	05	05	05	04	19	19
72	336128	20191081509942	SUYOG NARAYANRAO DIDPAYE	05	05	05	04	19	19
73	336129	20202066501314	SWAPNIL RAVINDRA KUMARE						19

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Subject Name: POLITICAL SCIENCE
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				05	05	05	04	19	
74	336130	20202066501316	SWAPNIL SHARADRAO HATHAJARE	05	4.5	05	4.5	19	19
75	336131	20182081500856	VAIBHAV DAMODHAR GOMASE	05	04	05	05	19	19
76	336133	20202071421159	VAISHALI BALU VIRULKAR	05	05	05	04	19	19
77	336134	20202066501319	VIKAS LAXMAN GAIKWAD	05	05	05	04	19	19
78	336135	20183080422831	VISHAL ARUN ARADE	05	05	05	05	19	19
79	336136	20202066501321	VISHAL SUBHASH BHUJADE	05	05	05	04	19	19
80	336137	20192031220672	VISHAL SUDHAKAR MOHARLE	05	05	05	05	20	20
81	336138	20202066501323	YASH RUPAM GOWARDHAN	05	04	05	04	19	19
82	336139	20202066501325	YOGESH ASHOK WALGAONKAR	05	4.5	4.5	05	19	19
83	965512	2015016600682114	NIKHIL DNYANESHWARRAO GONDE	4.5	05	4.5	4.5	18.5	19

SUBJECT TEACHER

HOD

IQAC Co-ordinator
New Arts, Commerce & Science College, WARDHA

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Consolidated Internal Split Up Report
Exam Name: FOURTH SEMESTER B.A. Sem IV
Subject Name: POLITICAL SCIENCE
College Name: (665) NEW ARTS COMMERCE AND SCIENCE COLLEGE, WARDHA
Session: Summer-2021

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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Internal Report

Exam Name: FOURTH SEMESTER B.A. sem
Subject Name: POL.SC
College Name: (665) NEW ARTS & COMMERCE COLLEGE
Session: Summer-2021

Sr	Seat No	Enrollment	Student Name	Marks / Max-20
1	336027	20202066501180	AAFRIN HABIBA SHEIKH	20
2	336028	20202066501182	ANKITA SATISH BAILBODE	20
3	336029	20202066501184	ASHWINI PURUSHOTTAM NIKUDE	20
4	336031	20202066501187	BHAGYAREKHA GAJANAN NEWARE	19
5	336032	20202066501188	BHAIRAVI ARUN WALDE	20
6	336034	20202066501190	DHANASHRI VILASRAO KOHALE	20
7	336035	20202066501191	DIKSHA SANJAY PATIL	20
8	336036	20192081517567	DIPALI MORESHWAR DHOTE	19
9	336037	20202066501193	DIVYA SUKHDEV KADHAV	20
10	336038	20202066501194	DIVYA YOGESH SALVE	20
11	336040	20202066501196	GAYATRI ARVIND DAHELKAR	20
12	336041	20202066501199	KALPANA VILAS SURNAWANSHI	19
13	336044	NU/A15/90054	KHUSHABU RAJU SHIVANKAR	20
14	336046	20192081517577	KOMAL SONBAJI RAUT	20
15	336049	20202066501207	MAYURI ANKUSHRAO ZOD	20
16	336050	20202066501210	MINAL DEVIDASRAO KOHALE	20
17	336053	20202066501218	PALLAVI VITTHAL KHANDALKAR	20
18	336055	20202066501220	POOJA DILIPRAO KURWADE	20
19	336056	20202066501227	POOJA RANVIR ATRAM	20
20	336057	20192081517585	PRACHI PRAVIN LOKHANDE	20
21	336059	20202066501221	PRANJALEE DNYANESHWAR EEWNATE	19
22	336060	20192081517560	PRATIKSHA NARANJAN KAMBLE	20
23	336061	20175081530306	PRIYA PURUSHOTTAM EVNATE	20
24	336062	20202066501224	PRIYANKA KALIN NADE	20
25	336063	20202066501228	PUNAM PADMAKAR WATGURE	

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IQAC Coordinator
New Arts, Commerce & Science College, WARDHA

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Consolidated Internal Split Up Report
Exam Name: FOURTH SEMESTER B.Sc. Sem VI
Subject Name: BIOTECHNOLOGY PAPER I
College Name: (665) NEW ARTS COMMERCE AND SCIENCE COLLEGE, WARDHA
Session: Summer-2020

Sr	Seat No	Enrollment	Student Name	Model TEST I	CIE	Average	Final Marks
				Max Marks 05	Max Marks 05		Max Marks 10
1	319384	20173081514140	TUSHAR KRUSHNA KADU	5	3	8	8
2	319385	20181081500706	AMISHA BANDUJI WANKAR	4.5	4	9	9
3	319386	20181081500709	ANJALI PRAMODRRAO CHALPE	5	5	10	10
4	319387	20181081500694	AACHAL DNYANESHWAR HADKE	5	4	9	9
5	319388	20181081500695	AACHAL SIDDHARTH GODBOLE	5	5	10	10
6	319389	20181081500698	AASHIKA GAJANANRAO DHAGE	5	5	9	9
7	319390	20181081500700	ACHAL ASHOKRAO GULHANE	4	5	9	9
8	319391	20181081500711	ANKITA GAJANAN PISUDDE	5	4	9	9
9	319392	2015016601263492	AVANTI VASANTRAO KATHANE	5	4	9	9
10	319393	20181081500734	CHITRA DHANRAJ WANKAR	4	5	9	9
11	319394	20173081513904	DARSHANA SUNILRAO KADAM	5	3	8	8
12	319395	20181081500740	DIKSHA INDRAJIT DAWALE	4	5	9	9
13	319396	2015016601263422	DIPALI RAJESHRAO GOMASE	5	4	9	9
14	319397	20181081500753	GOURI GAJENDRA MULEY	5	5	10	10
15	319398	20181081500756	HARSHADA MAHADEORAO SHASTRAKAR	5	3	8	8
16	319399	20173011512927	KAJAL ARUNRAO ZOTING	4	5	9	9
17	319400	2013016600355882	KAJAL MANIKRAO WANKAR	5	3	8	8
18	319401	20181081500765	KAMINI KISHOR BHOGE	5	5	10	10

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19	319402	20181081500769	KIMAYA MORESHWAR VAITAGE	5	4	9	9
20	319403	20181081500778	KOMAL SUDHAKARRAO BORKUTE	4	5	9	9
21	319404	20181081500781	KUNALI VINOD GONDANE	5	5	10	10
22	319405	20173081513939	MAYURI VIJAYRAO GAWANDE	4	5	9	9
23	319406	2015016601263291	MAYURI VINODRAO AGLAWE	5	5	10	10
24	319407	20181081500790	MAYURI WALMIK VAIDYA	5	4	9	9
25	319408	20181081500798	MONALI SANJAYRAO DIGHADE	5	5	10	10
26	319409	20181081500799	MONALI VILASRAO RITHE	5	4	9	9
27	319410	20181081500801	MRUNALI ASHOKRAO CHIKHALKAR	5	5	10	10
28	319411	20181081500810	NIKITA SANJAYRAO SAWARKAR	4	4	8	8
29	319412	20181081500812	NITA MAHADEVRAO TIMANDE	4	4.5	9	9
30	319413	20173081209254	NUPUR SANJAY SINGH	5	5	10	10
31	319414	20181081500813	PALLAVI JOGINDER YADAV	5	4	9	9
32	319415	2015016601263782	POOJA ASHOKRAO NAVGHARE	4	4	8	8
33	319416	20173081513964	PRACHEE RAMESHRAO DARNE	5	4	9	9
34	319417	20173081513968	PRAMODINI WAMANRAO WARHADE	5	5	10	10
35	319418	20181081500836	PRANALI PRABHAKAR POKALE	4	4	8	8
36	319419	20181081500839	PRANJALI SATISH UGHADE	4	4	8	8
37	319420	20181081500841	PRATIKSHA DILIPRAO DESHMUKH	4	4	8	8
38	319421	20173081513973	PRATIKSHA GANGADHAR BHOKARE	4	4	8	8
39	319422	20173081513993	PURVA DINESH KAKADE	5	5	10	10
40	319423	20181081500855	PURVA HANUMAN MESHRAM	4	4	8	8
41	319424	20173081513999	RESHMA MANOHARRAO RAUT	5	3	8	8
42	319425	20181081500867	ROSHNI RAJU PACHE	4	4	8	8
43	319426	20150166012641	RUBINA BABBU SHEIKH	5	5	10	10
						8	8

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44	319427	20173081514121	RUCHIKA VASANTRAO THAKARE	4	4		
45	319428	20181081500875	SAKSHI BHASKAR BHAGWAT	5	5	10	10
46	319429	20173081514011	SHITAL GHANSHYAM RAGHATATE	5	4	9	9
47	319430	20173081514016	SHIVANI RAJENDRA WAKEKAR	5	5	10	10
48	319431	20181081500895	SHIVANI SANDIP KAWADE	5	4	9	9
49	319432	20181081500897	SHIWANI RAJESHWAR BARDE	5	3	8	8
50	319433	20181081500900	SHRUTIKA MAHADEORAO MENDHULE	5	3	8	8
51	319434	2015016601263894	SNEHAL BHAIYASAHEB PAWAR	5	3	8	8
52	319435	20173081514029	SNEHAL MADHUKARRAO BHAT	4	4	8	8
53	319436	20181081500911	SNEHAL PRAMODRAO DHUMANE	5	4	9	9
54	319437	20181081500918	SWATI GAJANAN TALPEKAR	4	4	8	8
55	319438	20181081500923	TANAYA ATULRAO DESHMUKH	5	4	9	9
56	319439	20181081500935	VAISHNAVI MADHUKARRAO KUMBHARE	5	4	9	9
57	319440	20181081500942	VISHAKHA RAMESH GALANDE	5	5	10	10
58	319441	2015016600827464	ABHINAY NITIN WAKODE	5	4	9	9
59	319442	20181081500950	AKASH PRAKASH MORE	4	4	8	8
60	319443	20173081513885	ANUSHKA KASHINATHRAO THAKARE	5	3	8	8
61	319444	20143081514083	CHINMAY MADANRAO DHONGADI	5	5	10	10
62	319445	20173081514100	MAYUR CHANDRABHAN MEGHARE	5	3	8	8
63	319446	20181081500986	PRANAV RAJENDRA GADEKAR	5	5	10	10

SUBJECT TEACHER

HOD

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DEPARTMENT OF SOCIAL WORK

ASSIGNMENT MARKS

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT : SOCIAL WORK PRACTICUM

Sr.No.	Name of Students	concurrent field work practicum 50	Eductional Tour 15	internal Viva voce	TOTAL MARKS 80
1	AACHAL KAILASRAO YAWALIKAR	46	13	13	72
2	AAKASH PUNDLIKRAO TALWEKAR	45	14	15	74
3	ABHISHEK ANIL TAYADE	45	13	13	71
4	ACHAL GURUDAS PANBUDE	45	13	13	71
5	AJAY TULSHIRAM BHAYMARE	45	13	13	71
6	AKASH SUDHAKARRAO MADANKAR	46	13	13	72
7	AKSHAY BANDUJI PUNDKAR	45	13	13	71
8	ANAMIKA MUKINDA HATAGALE	45	14	15	74
9	ANAND RAMESH JAVANJAL	45	13	13	71
10	ANIKET ASHOKRAO PARATE	45	14	15	74
11	ANJALI RAMESHWAR BOKEY	45	14	15	74
12	ANKITA GAJANANRAO NASARE	45	13	13	71
13	ANKITA RAJENDRA THOTE	45	13	13	71
14	ARUNA SHRIRAM INGALE	45	13	B	71
15	ASHA MUNNA RAMPURE	45	13	13	71
16	ASHISH DNYANESHWAR LODE	45	13	13	71
17	ASHWIN DWARKADAS TAKSANDE	45	13	13	71
18	ASHWINI BABARAO CHAMATE	45	14	15	74
19	ASHWINI SHANKARRAO GIRI	45	13	13	71
20	BHAGYASHRI NARENDRA DESHMUKH	46	13	13	72
21	BHAGYASHRI PRABHUNATH SURANDASE	46	13	13	72
22	BHARAT ARUNRAO DESHMUKH	46	13	13	72
23	BHARTI NATTHUJI MESHRAM	45	14	15	74
24	BHARTI VISHWANATH KASAR	45	14	15	74
25	BHUMESHWAR DIWAKARRAO SHENDE	46	13	13	72
26	BHUMIKA BALU GOLAMBE	46	13	13	72
27	BRUHADATTA JAGANRAO PAKHALE	46	13	13	72
28	BUDDHABHUSHAN SHAMRAO WATHORE	46	13	13	72
29	CHAITALI SUNIL BHENDARKAR	45	13	15	73
30	CHANCHAL BHAURAOJI LANJEWAR	46	13	13	72
31	DEVANAND SHANKAR KULSANGE	46	13	13	72
32	DIKSHA SUDHAKAR THAKARE	46	13	13	72
33	DIPALI AMBADAS SHEDMAKE	45	14	15	74
34	DIVYA VINAYAK NAGPURKAR	45	14	15	74
35	DIVYANI TILOKCHAND SHENDE	45	14	15	74
36	DURGA DULSING RATHOD	45	13	15	73
37	DURGESH MADHAV NEWARE	46	13	13	72

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& Science College, WARDHA

38	GAJANAN WASUDEO SIDAM	46	13	13	72
39	GAURAV GURUDAS MADAVI	45	14	15	74
40	ISHAN KESHAO POKALE	45	14	15	74
41	ISHATA VISHAL LONDHE	45	14	15	74
42	JAYSHRI MAROTRAO DHORE	45	13	15	74
43	KAJAL DADARAO CHAVHAN	45	13	15	73
44	KAPIL GAUTAMRAO MOON	46	13	13	72
45	KAVITA LILADHARRAO PANBUDE	45	13	15	73
46	KISHOR NAMDEV KHAKARE	46	13	13	72
47	KISHORI SUBHASHRAO KANGALE	45	13	15	73
48	KOMAL ASHOK MERUGWAR	45	14	15	74
49	KOMAL KAILAS WANKHADE	45	14	15	74
50	KOMAL SHALIKRAO WAGHADE	45	14	15	74
51	KOMAL TOLARAM CHAVHAN	45	14	15	74
52	KOYNA MUKINDA HATAGALE	45	14	15	74
53	KUNAL PANDURANG PARISE	45	14	15	74
54	LAXMI RAGHUNATH KHADKE	45	14	15	74
55	MAMATA SANJAY MARASKOLHE	45	14	15	74
56	MANGESH SHRIKRUSHNAJI PATILPAIK	45	14	15	74
57	MANISHA UTTAMRAO WANKHADE	45	14	15	74
58	MANIT RAVINDRA DONGRE	46	13	13	72
59	MAYUR RAMESHRAO SAWANT	45	14	15	74
60	MRUNALI DATTATRAYRAO BUDE	46	13	13	72
61	NAMITA VINOD MESHRAM	46	13	13	72
62	NIKHIL CHANDRAKANT MANKAR	45	14	15	74
63	NIKITA AANNA CHADHOKAR	46	13	13	72
64	NIKITA RAVINDRA HOLEY	45	14	15	74
65	NILESH GAUTAM THAMKE	46	13	13	72
66	NILESH HARIDAS DHURVE	45	14	15	74
67	NILIMA VITTHALRAO KANGATE	46	13	13	72
68	NISHA NARESH VAIRAGADE	45	14	15	74
69	PAYAL CHAKRADHAR KANHERKAR	46	13	13	72
70	PAYAL NAGORAO BHOMALE	45	14	15	74
71	PAYAL SUNIL KURVE	45	14	15	74
72	POOJA ASHOK KHADSE	45	14	15	74
73	POOJA YADAV TIRPUDE	46	13	13	72
74	PRACHI RAJU CHAUDHARI	45	14	15	74
75	PRAGATI HARIBHAU MAHALLE	45	14	15	74
76	PRANJALI UTTAMRAO NAKHALE	45	14	15	74
77	PRATIBHA BHAGWANJI BHONGADE	45	14	15	74
78	PRATIKSHA VINODRAO KHADSE	45	14	15	74
79	PRITESH VINODRAO KHADSE	45	14	15	74
80	RAHUL DATTA KANTESHWAR	45	13	15	73
81	RAKHI RAMESH KULSANGE	46	13	13	72

PRINCIPAL
Indraprastha New Arts, Commerce & Science College, WARDHA.

82	RAVINDRA DNYANESHWAR SAHARE	46	13	13	72
83	RAVINDRA WASUDEO JADHAO	45	14	15	74
84	RINA PRAMODRAO WANKHEDE	45	14	15	74
85	ROHAN HANUMAN GHUME	45	14	15	74
86	RUPESH SHRIKRUSHNA NANDANE	46	13	13	72
87	RUTUJA ANANDRAO ATAKAR	46	13	13	72
88	RUTWIK RAJENDRA KOLHE	45	14	15	74
89	SACHIN AMBADAS SHEJAO	45	14	15	74
90	SACHIN RAMESH CHAVHAN	46	13	13	72
91	SAGAR KISHORRAO GIRDE	45	14	15	74
92	SAGAR LAXMANRAO PAYGHAN	46	13	13	72
93	SAHIL SUDHIR PETHE	46	13	13	72
94	SAMMOHI DILIPRAO KOHALE	45	14	15	74
95	SAVITA DASHRAT AAHAKE	45	13	13	71
96	SHIVANI BHASKAR GIRI	45	13	13	71
97	SHIVANI PRABHAKAR BHOYAR	45	14	15	74
98	SHIVANI WAMANRAO NAITAM	45	13	13	71
99	SHIWANI SUDHAKAR KURSANGE	45	14	15	74
100	SHOBHANA PRABHAKARRAO MOHURLE	46	14	15	74
101	SHUBHAM DILIPRAO CHAUDHARI	45	14	15	74
102	SHUBHAM GUNVANT BHAVEKAR	45	13	13	71
103	SHUBHAM RAJENDRA KECHE	45	13	13	71
104	SHUBHAM VILAS BAHALE	45	13	13	71
105	SHWETA GAJANAN BAMBAL	45	14	15	74
106	SHWETA GAJANAN KALE	45	13	13	71
107	SUCHITA GOJENDRA CHIMURKAR	45	13	13	71
108	SUJATA DILIPRAO GOLHAR	45	13	13	71
109	SUMEDH RAMKRUSHNA GUJAR	45	14	15	74
110	SURAJ KISANRAO INGOLE	45	14	15	74
111	SUSHMIT MAHENDRA WANKHEDE	45	14	15	74
112	SWAPNIL RAMRAO WARHADE	45	14	15	74
113	SWAPNIL ZANAKRAO NAPTE	45	14	15	74
114	TAHIR FARUK DUNGE	45	13	13	71
115	UMESH PRAMOD WAGHAMODE	45	13	13	71
116	VAIBHAV CHANDRABHANJI MEGHARE	45	14	15	74
117	VAIBHAV GAJANANRAO MANDADE	45	14	15	74
118	VAISHALI DNYANESHWAR GADGE	45	14	15	74
119	VAISHNAV ANIL RAUT	45	13	15	73
120	VAISHNAVI DHANRAJ SURSAUT	45	14	15	74
121	VAISHNAVI VILASRAO WADE	45	14	15	74
122	VANITA RAJENDRA DHONGADE	45	14	15	74
123	VASANTIKA KISHOR GOMASE	45	14	15	74
124	VINIT WASUDEORAO SONKUSARE	45	14	15	74
125	VIRAJ HEMRAJ KATHOTE	45	14	15	74

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Indraprastha Arts, Commerce & Science College, WARDHA.

126	VISHAL HARIDAS SHINDODE	45	14	15	74
127	WANITA SUDHAKARRAO RATHOD	45	14	15	74
128	CHANDAN RAJU KALE	45	14	15	74
129	SONALI BHAGYAWAN BHAGAT	45	14	15	74

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INDRAPRASTHA NEW ARTS, COMMERCE & SCIENCE COLLEGE, WARDHA

DEPARTMENT OF SOCIAL WORK

ASSIGNMENT MARKS

CLASS :- M.S.W. IV SEM 2022-23

SUBJECT : REARCHARCH DISSERTATION

Sr.No.	Name of Students	RESEARCH DISSERTATION BASED ON SPECIALAZATION 50	CLASSROOM PRESENTIONS 10	INTERNAL VIVA VOCE 20	TOTAL MARKS 80
1	AACHAL KAILASRAO YAWALIKAR	45	9	18	72
2	AAKASH PUNDLIKRAO TALWEKAR	47	9	18	74
3	ABHISHEK ANIL TAYADE	44	9	18	71
4	ACHAL GURUDAS PANBUDE	44	9	18	71
5	AJAY TULSHIRAM BHAYMARE	45	9	17	71
6	AKASH SUDHAKARRAO MADANKAR	44	10	18	72
7	AKSHAY BANDUJI PUNDKAR	44	10	18	72
8	ANAMIKA MUKINDA HATAGALE	47	10	17	74
9	ANAND RAMESH JAVANJAL	47	9	18	72
10	ANIKET ASHOKRAO PARATE	46	10	18	74
11	ANJALI RAMESHWAR BOKEY	45	9	18	72
12	ANKITA GAJANANRAO NASARE	47	9	18	74
13	ANKITA RAJENDRA THOTE	47	10	17	74
14	ARUNA SHRIRAM INGALE	45	10	17	72
15	ASHA MUNNA RAMPURE	44	10	18	72
16	ASHISH DNYANESHWAR LODE	44	10	18	72
17	ASHWIN DWARKADAS TAKSANDE	44	10	18	72
18	ASHWINI BABARAO CHAMATE	44	10	18	72
19	ASHWINI SHANKARRAO GIRI	44	10	18	72
20	BHAGYASHRI NARENDRA DESHMUKH	44	10	17	71
21	BHAGYASHRI PRABHUNATH SURANDASE	44	10	17	71
22	BHARAT ARUNRAO DESHMUKH	45	10	19	74
23	BHARTI NATTHUJI MESHRAM	46	10	19	75
24	BHARTI VISHWANATH KASAR	44	10	18	72
25	BHUMESHWAR DIWAKARRAO SHENDE	46	10	18	74
26	BHUMIKA BALU GOLAMBE	45	10	19	74
27	BRUHADATTA JAGANRAO PAKHALE	45	10	17	72
28	BUDDHABHUSHAN SHAMRAO WATHORE	45	10	19	74
29	CHAITALI SUNIL BHENDARKAR	45	10	17	72
30	CHANCHAL BHAURAOJI LANJEWAR	45	10	19	74
31	DEVANAND SHANKAR KULSANGE	45	10	19	74
32	DIKSHA SUDHAKAR THAKARE	45	10	19	74
33	DIPALI AMBADAS SHEDMAKE	45	10	19	74
34	DIVYA VINAYAK NAGPURKAR	45	10	19	74
35	DIVYANI TILOKCHAND SHENDE	45	10	17	72
36	DURGA DULSING RATHOD	45	10	19	74

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37	DURGESH MADHAV NEWARE	45	10	19	74
38	GAJANAN WASUDEO SIDAM	45	10	19	74
39	GAURAV GURUDAS MADAVI	45	10	19	74
40	ISHAN KESHAO POKALE	45	10	19	74
41	ISHATA VISHAL LONDHE	45	10	19	74
42	JAYSHRI MAROTRAO DHORE	45	10	19	74
43	KAJAL DADARAO CHAVHAN	45	10	19	74
44	KAPIL GAUTAMRAO MOON	45	10	19	74
45	KAVITA LILADHARRAO PANBUDE	45	10	19	74
46	KISHOR NAMDEV KHAKARE	45	10	19	74
47	KISHORI SUBHASHRAO KANGALE	45	10	17	72
48	KOMAL ASHOK MERUGWAR	45	10	19	74
49	KOMAL KAILAS WANKHADE	45	10	19	74
50	KOMAL SHALIKRAO WAGHADE	45	10	19	74
51	KOMAL TOLARAM CHAVHAN	46	9	18	73
52	KOYNA MUKINDA HATAGALE	46	9	18	73
53	KUNAL PANDURANG PARISE	46	9	18	73
54	LAXMI RAGHUNATH KHADKE	47	9	19	74
55	MAMATA SANJAY MARASKOLHE	48	9	17	72
56	MANGESH SHRIKRUSHNAJI PATILPAIK	46	10	18	74
57	MANISHA UTTAMRAO WANKHADE	46	10	18	74
58	MANIT RAVINDRA DONGRE	46	10	17	72
59	MAYUR RAMESHRAO SAWANT	46	10	17	72
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61	NAMITA VINOD MESHRAM	46	10	17	72
62	NIKHIL CHANDRAKANT MANKAR	46	10	17	72
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65	NILESH GAUTAM THAMKE	45	10	19	74
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67	NILIMA VITTHALRAO KANGATE	45	10	19	74
68	NISHA NARESH VAIRAGADE	45	10	19	74
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70	PAYAL NAGORAO BHOMALE	46	10	18	74
71	PAYAL SUNIL KURVE	46	9	18	72
72	POOJA ASHOK KHADSE	46	9	18	72
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78	PRATIKSHA VINODRAO KHADSE	46	10	18	74
79	PRITESH VINODRAO KHADSE	46	10	18	74
80	RAHUL DATTA KANTESHWAR	45	10	18	73

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81	RAKHI RAMESH KULSANGE	46	9	18	73
82	RAVINDRA DNYANESHWAR SAHARE	46	9	18	73
83	RAVINDRA WASUDEO JADHAO	46	9	18	73
84	RINA PRAMODRAO WANKHEDE	46	9	19	74
85	ROHAN HANUMAN GHUME	46	9	19	74
86	RUPESH SHRIKRUSHNA NANDANE	46	9	17	72
87	RUTUJA ANANDRAO ATAKAR	46	9	18	73
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89	SACHIN AMBADAS SHEJAO	46	9	18	73
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103	SHUBHAM RAJENDRA KECHE	46	9	17	72
104	SHUBHAM VILAS BAHALE	46	9	17	72
105	SHWETA GAJANAN BAMBAL	46	9	17	72
106	SHWETA GAJANAN KALE	46	9	17	72
107	SUCHITA GOJENDRA CHIMURKAR	46	9	17	72
108	SUJATA DILIPRAO GOLHAR	46	9	17	72
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110	SURAJ KISANRAO INGOLE	46	10	18	74
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112	SWAPNIL RAMRAO WARHADE	46	9	17	72
113	SWAPNIL ZANAKRAO NAPTE	46	10	18	74
114	TAHIR FARUK DUNGE	46	10	18	74
115	UMESH PRAMOD WAGHAMODE	46	10	18	74
116	VAIBHAV CHANDRABHANJI MEGHARE	46	10	18	74
117	VAIBHAV GAJANANRAO MANDADE	46	10	18	74
118	VAISHALI DNYANESHWAR GADGE	46	10	18	74
119	VAISHNAV ANIL RAUT	46	10	18	74
120	VAISHNAVI DHANRAJ SURSAUT	46	10	18	74
121	VAISHNAVI VILASRAO WADE	46	10	18	74
122	VANITA RAJENDRA DHONGADE	46	10	18	74
123	VASANTIKA KISHOR GOMASE	46	10	18	74
124	VINIT WASUDEORAO SONKUSARE	46	10	18	74

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Indraprastha New Arts, Commerce & Science College, WARDHA.

125	VIRAJ HEMRAJ KATHOTE	46	9	19	74
126	VISHAL HARIDAS SHINDODE	46	9	19	74
127	WANITA SUDHAKARRAO RATHOD	46	9	19	74
128	CHANDAN RAJU KALE	46	9	19	74
129	SONALI BHAGYAWAN BHAGAT	46	9	19	74

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Select Subject: MARATHI

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Sr. No.	Name	Roll No	Marks
1	DIVYANI MORESHWAR JUMDE	161233	20

2	ESHA RAJESH DURGUDE	161234	19
3	KHUSHBOO ASHOK SAHU	161238	19
4	KIRAN DILIPRAO ONKAR	161239	19
5	KOMAL PRAMOD UIKEY	161241	19
6	MANISHA DILIP TALWEKAR	161242	19
7	MANSI AVINASH CHOPADE	161243	19
8	MONALI KAILASRAO MARAPE	161244	19
9	MONALI SUKHDEVRAO RAJURKAR	161245	19
10	NEHA RAMRAO MANDHARE	161246	19
11	NIKITA SANJAY KAMUNKAR	161249	19
12	NISHA	161252	19

New Arts, Commerce & Science College, Wardha.

PRACTICAL

Note Book

2018 - 2019

Assignment

Name Poulk Naresh Nishane

Class B.A V sem.

Section (Political science)

Roll No. _____ Year 2018 - 19

प्रमाणपत्र

सदर प्रमाणपत्र खाली दिलेल्या विषयाचे प्रकल्प लेखन व अहवाल समाधानपूर्वक सादर केल्याबद्दल देण्यात येत आहे.

कुमार/कुमारी प्रतिक्षा नरेंद्रराव निशाने

वर्ग विभाग रोल नं. बि. रा. IV सेम

शाळेचे नाव न्यु आर्ट्स कॉमर्स अँण्ड सायन्स कॉलेज वर्धा

प्रकल्पाचे नाव तुलनात्मक राजकारण, अर्थ, स्वरुप आणि व्याप्ती.

मार्गदर्शकाचे नाव प्रा. अचगावे सर सत्र २०२४-२८

प्रकल्प सादर केल्याचा दिनांक________ प्राप्त गुण ________ श्रेणी ________

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विद्यालयाचा शिक्का

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अनुक्रमणीका

New Arts, Commerce & Science College, Wardha.

PRACTICAL

Note Book

2018 - 2019

Assignment

Name Sanghorsh Sanjayrao Kamble

Class B.A. IV sem

Section A political science

Roll No. _____ Year 2018-2019

प्रमाणपत्र

सदर प्रमाणपत्र खाली दिलेल्या विषयाचे प्रकल्प लेखन व अहवाल समाधानपूर्वक सादर केल्याबद्दल देण्यात येत आहे.

कुमार/कुमारी Sangharsh Kamble

वर्ग विभाग रोल नं. B.A. ~~IV~~ sem

शाळेचे नाव New Arts commerce and science college, wardha

प्रकल्पाचे नाव Constitutions

मार्गदर्शकाचे नाव Pro. Aachegave Sir सत्र 2018-2019

प्रकल्प सादर केल्याचा दिनांक _____ प्राप्त गुण _____ श्रेणी _____

विद्यालयाचा शिक्का

मार्गदर्शिका / मार्गदर्शक

विभाग प्रमुख / प्राचार्यांची सही

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अनुक्रमणीका

New Arts, Commerce & Science College, Wardha.

PRACTICAL

Note Book

2018 - 2019

Assignment

Name Kunal Harikisanrao Bhujade

Class B. A V sem

Section (Political Science)

Roll No. _____ Year 2018-19

प्रमाणपत्र

सदर प्रमाणपत्र खाली दिलेल्या विषयाचे प्रकल्प लेखन व अहवाल समाधानपूर्वक सादर केल्याबद्दल देण्यात येत आहे.

कुमार/कुमारी कुणाल हरिदास अनुजे

वर्ग विभाग रोल नं. बि.ए.V सेम

शाळेचे नाव न्यु. आर्ट्स, कॉमर्स अँन्ड सायन्स कॉलेज वर्धा

प्रकल्पाचे नाव तुलनात्मक राजकारण, अर्थ, स्वरूप, व्याप्ती इत्यादी

मार्गदर्शकाचे नाव प्रा. अनिरुद्ध हरु सत्र

प्रकल्प सादर केल्याचा दिनांक 15/10/2023 प्राप्त गुण श्रेणी

मार्गदर्शिका / मार्गदर्शक

विद्यालयाचा शिक्का

PRINCIPAL
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College, Wardha

विभाग प्रमुख / प्राचार्याची सही

अनुक्रमणीका

अनु.क्रं.	नांव	पान क्रं.	शेरा/स्वाक्षरी
१	तुलनात्मक राजकारण	1	
२	तुलनात्मक राजकारणाचा अर्थ	5	
३	तुलनात्मक राजकारणाचे स्वरूप	9	
४	तुलनात्मक राजकारणाची व्याप्ती	13	
५			
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New Arts, Commerce & Science College, Wardha.

PRACTICAL

Note Book

2018 - 2019

Assignment

Name Rutuja Sudhakar Nagtam.

Class B.A I st Sem.

Section 2018 - 19

Roll No. _____ Year 2018 - 19

प्रमाणपत्र

सदर प्रमाणपत्र खाली दिलेल्या विषयाचे प्रकल्प लेखन व अहवाल समाधानपूर्वक सादर केल्याबद्दल देण्यात येत आहे.

कुमार/कुमारी मयुना सुधाकरराव नरताम

वर्ग विभाग रोल नं. _____

शाळेचे नाव बी आर्टस कॉमर्स अँड सायन्स कॉलेज वर्धा.

प्रकल्पाचे नाव समता

मार्गदर्शकाचे नाव डॉ प्रमोद ओचेगावे सत्र 2018-19

प्रकल्प सादर केल्याचा दिनांक 10/10/2018 प्राप्त गुण _____ श्रेणी _____

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PRACTICAL

Note Book

2018 - 2019

Assignment

Name Rohini Dashrath Kohale

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Section 2018-19

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प्रमाणपत्र

सदर प्रमाणपत्र खाली दिलेल्या विषयाचे प्रकल्प लेखन व अहवाल समाधानपूर्वक सादर केल्याबद्दल देण्यात येत आहे.

कुमार/कुमारी रोहिनी दशरथराव कोहळे

वर्ग विभाग रोल नं.

शाळेचे नाव न्यु आर्टस् कॉमर्स ॲन्ड सायन्स कॉलेज वर्धा

प्रकल्पाचे नाव राजकीय सिध्दान्त समता

मार्गदर्शकाचे नाव डॉ. प्रमोद आपेगावे सत्र 2018 - 19

प्रकल्प सादर केल्याचा दिनांक 11/10/2018 प्राप्त गुण ________ श्रेणी ________

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PRACTICAL

Note Book

2018 - 2019

Assignment

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Roll No. _____ Year 2018-19

प्रमाणपत्र

सदर प्रमाणपत्र खाली दिलेल्या विषयाचे प्रकल्प लेखन व अहवाल समाधानपूर्वक सादर केल्याबद्दल देण्यात येत आहे.

कुमार/कुमारी राकेश जीवन शेंडे

वर्ग विभाग रोल नं. B.A प्रथम वर्ष

शाळेचे नाव न्यू आर्ट्स कॉलेज वर्धा

प्रकल्पाचे नाव राजकिय सिद्धांत

मार्गदर्शकाचे नाव आत्यगावे सर सत्र 2018 - 2019

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PRACTICAL

Note Book

2018 - 2019

Assignment

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Section

Roll No. Year 2018-19

प्रमाणपत्र

सदर प्रमाणपत्र खाली दिलेल्या विषयाचे प्रकल्प लेखन व अहवाल समाधानपूर्वक सादर केल्याबद्दल देण्यात येत आहे.

कुमार/कुमारी अरविंद म. सातपुते.

वर्ग विभाग रोल नं. ____________________

शाळेचे नाव New art commerce and sci college wandha

प्रकल्पाचे नाव स्वातंत्र्य

मार्गदर्शकाचे नाव आखरीव सर सत्र ____________________

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PRACTICAL

Note Book

2018 - 2019

Assignment

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Class B.A. III [VI] sem

Section

Roll No. Year 2018-2019

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शाळेचे नाव न्यू- आर्टस् ,कॉमर्स अँड् सायन्स कॉलेज ,वर्धा

प्रकल्पाचे नाव अमेरिकेच्या संविधानाची वैशिष्ट्ये

मार्गदर्शकाचे नाव प्रमोद आंबेगावे सत्र 2018 - 2019

प्रकल्प सादर केल्याचा दिनांक 10/10/19 प्राप्त गुण श्रेणी

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2019 - 2020

Assigment

Name: Aafreen Habib Sheikh

Class: B.A. III semester

Subject: Political Science

Roll No.:

Shrikrupa

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Practical Name: Assignment

Guided By : Pramod Achegaonkar

Date: 15/10/18 Marke: _____ Class _____

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Subject Teacher

HOD/Principal

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New Arts, Commerce & Science College, Wardha

PRACTICAL

Note Book

2019 - 2020

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Shrikrupa

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Practical Name: Assignment

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New Art's Commars and Scienec College

Name : Amisha Ashok Lokhande

Class : 2nd Year

Sub : Geography Assignment

Sem : III

Year - 2022 - 2023

Year - 2022 - 2023

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& Science College, WARDHA.

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Indraprasth New Art's Commerc
& Science College, Wardha.

Year - 2022 - 2025

Name:- Amisha Ashok Lokhande

Class :- (B.A.) 3rd yr 5th Sem

Sub :- Geography Assignment

year - 2022-2023

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नाव :- प्राची बाबाराव बावणे.

कॉलेज :- इंद्रप्रस्थ न्यु आर्टस्, कॉमर्स अन्ड सायन्स कॉलेज, वर्धा.

वर्ष - 2022-2023

वर्ग :- B.A. 5th sem

विषय :- भूगोल.

Geography - Assignment

year - 2022 - 2023

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विद्या परम् दैवतं.

Page No.
Date

Name - Pragati Prabhakar Wike.
Subject - Geography Assignment. Book.
College - Indraprasth New Arts commerce and science college Wardha
Class - B.A. I st sem

Year - 2022-23

Year - 2022-23

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Head Master's Signature

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Indraprastha New Art, Commerce And Science college Wardha

Department of Biotechnology

Academic Session :- 2022 - 2023

Ku :- Asmita Gajanan Kudmate

Sub :- Biotechnolgy - I Assignment

Assignment

Class :- B.S.C. II sem.

Principal

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HOD
Dept. of Biotechnology
Indraprastha New Arts Commerce
and Science College, Wardha

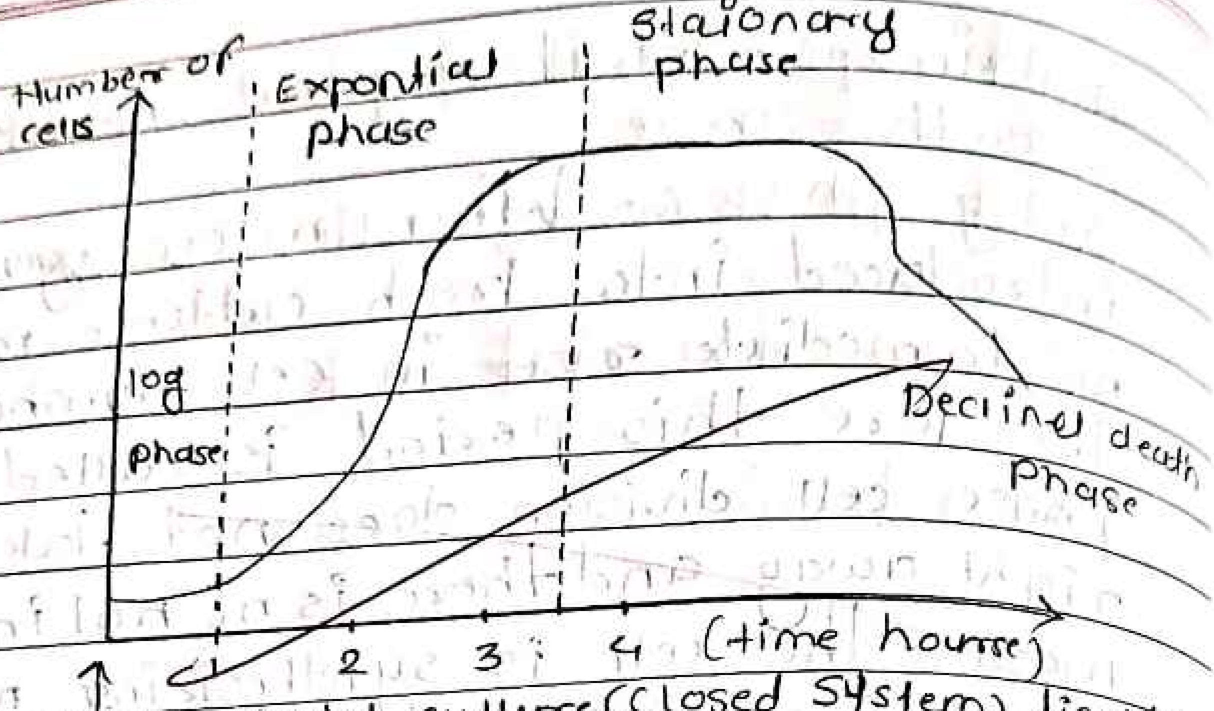
K-2-Kudmate

Subject teacher

Q.1 Explain in detail typical bacterial growth curve.

→ a) log phase :- When microorganism are introduced into fresh culture medium useall no immediate rise in cell number occurse therefore this period is called the log phase cell division does not take place right away and there is no not in rise in mass the cell is synthesizing new compound

- A log phase priod to the start of cell divisio can be necessary for a variety of reasons the cells may be old and depleted of ATP. essential cofactors and ribosomes these must be synthesized before growth can begin.
- The log phase varies considerably in lengt with the condition of be microorganisms and the nature of the medium this phase may be quil long if the inocum is from on old culture or one that has been refrigerated
- Inoculation of a culture into a chemically different medium also results in a longer log phase on the other hand, When the oth hand. When the young vigoursly growing exponential phase culture is transefred to fresh medium of the some composition the log phase will be short or absent cell then enter the exponial or log phase.



Batch culture (closed system) liquid of m
fig. sigmoid curve for bacterial growth showi disiries phase of growth.

B) Expontial or logarithmic (log) phase
. during the expontial or log phase microorganisms are growing and divi or the maximal rate possible as per th growth potential the nature of the medium and the condition under which they are growing.
• Their rate of growth is constant durin exponsial phase the microorganisms diving and doubling in number at regu intervals because each individual cell divides at a sightly different moment growth curve rise smoothy rather than is discrese jumps.

- The population is most uniform in terms of chemical and physiological properties during this phase, therefore exponsial phase cultures are usually used in biochemical and physiological studies.
- This can be seen when bacteria are transfered from a nutritionally poor medium to nutritionally rich medium or viceversa when microbial growth is limited by low concentration of a required nutrient. The final net growth or yield of cells increases with the initial amount of the nutrient present this phase followed by stationary phase.

c) Stationary phase :- eventaly population growth ceases and the growth curve become horizontal plotery this stationary phase is usualy attained by bacteria at a population of 10^9 cells/ml other microorganis like algae and protozoa reach a population level level of 10^6 cells/ml.

- The final population side depend on the nutrient availability and factorse as well as the type of microorganisms being cultured. This may result from a balance between cell division and cell death or population may simply cease to divided though remaining metabolically active.

Nutrient limitation : Oxygen availability supply

reaching of critical population level
- In batch culture, bacteria may enter stationary more changes are in gene expression and physiology starving bacteria frequency produce variety of starvation proteins.
- the starved cells become harder to kill resident to temperature changes oxidative and osmat of these and other mechanisms
- Starved cells become harder to kill
- D) Decline or Death phase; bitrimental environmental changes like nutrient depletion toxic wasteled to the decline in number phase. the decathe of the microbial population like its growth during the exponential phase is ~~grow~~ usually logarithmic death is defined to be the irreversible loss of the ability to reproduce.
- The depletion of nutrients, and the subsequent accumulation of metabolic waste produces the other toxic materials in the medium will facilpate the bacterium to more on death phase during this phase the bacteria completely loses the ability to reproduction.
- Individual bacteria begin to die die to unfavorable conditions and to death is random and at uniform rate the number or death cell excess the number of live cells.

organism which can resist the condition can survive in the environment by producing endospores.

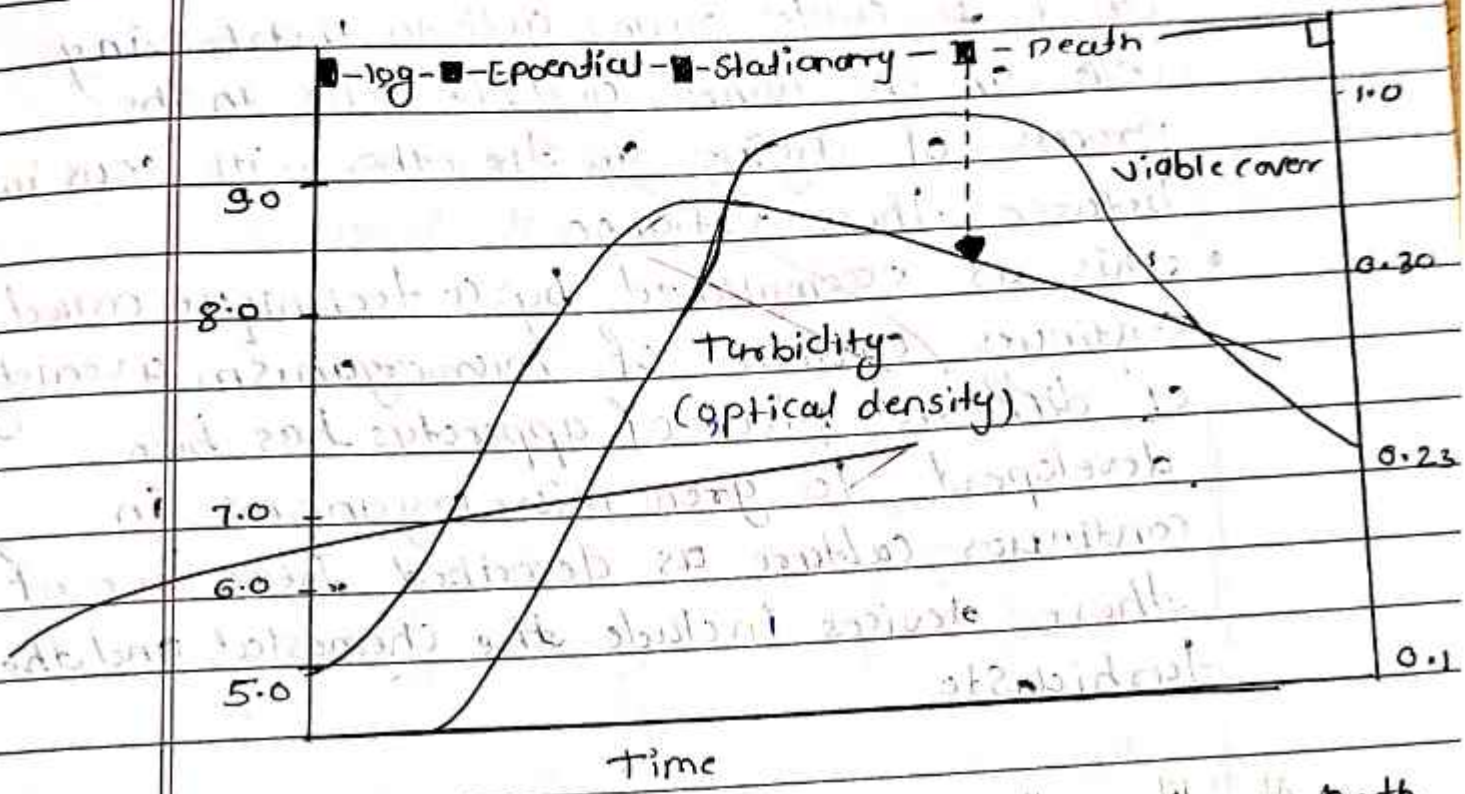


Fig: Typical growth curve Features in a bath cultures.

2) ~~What is~~ Condinues culture, describe various method obtain it.

→ It is that culture of microbial population maintained in logarithmic phase of growth a constant enviroment the typical bacterial growth curve includes three transitional period between growth phase this means that not all the cells are in identical physiological conditions.

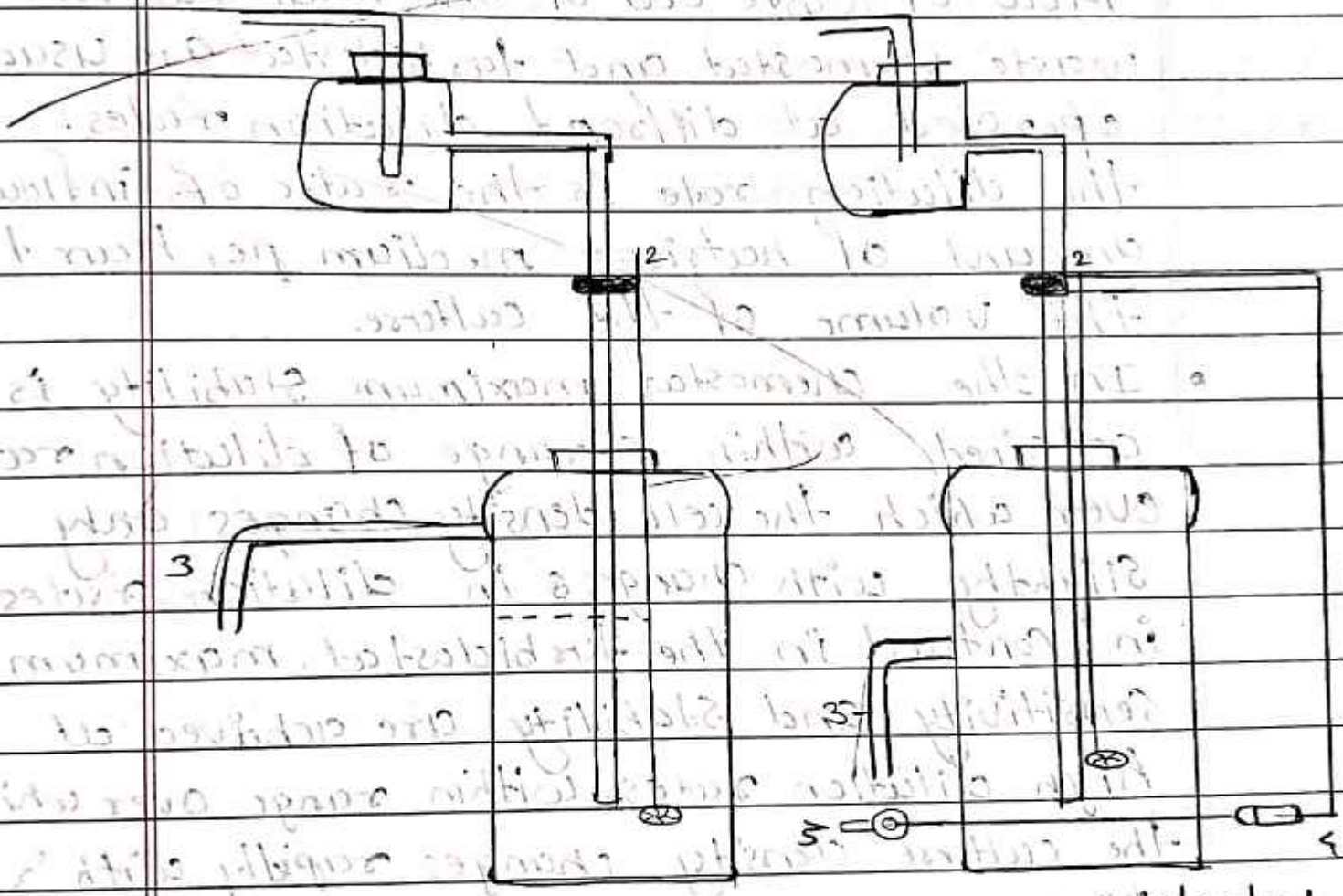
- This time required for some cells to cultivate with others in terms physiological and conditions with others in terms growth curve. in cultures young activity metabolizing cells on one hand, and the cells in the process of dying on the other with cells in between these extreme.
- this is accomplished by a technique called continues culture of microorganism a variety of different pices of apparatus has been developed to grow microorganisms in continuos culture as described here two of these devices include the chemostat and the turbidosto.

A) The chemostat :- It is a continous system cultivator in which the medium is throughly mixed to obtain maximum homogenity the presh nutrient medium Flows into culture vesel from reservoir of sterile medium at a defined and constant rate.

- The volume in the culture vessel is keept constant by a device that allows the culture medium together with accumulated waste products and older and dead cells to leave the culture vessel at the same rate the

level of growth is controlled by maintaining a fixed limiting concentration of a particular.

- The remaining constituent essential for the growth of the selected organisms as are added in the growth limiting nutrient is added into the medium of a concentration below that required for maximum growth in a batch culture (closed vessels).



Chemostat Turbidostat

B) The Turbidostat :- It is another continuous culture apparatus in a turbidostat the system includes and optical sensing device which measures the absorbance of the culture density (turbidity) in the growth vessels changes in turbidity return for increase the passage of light throught the culture.

- these changes activated mechanisms that control the flow of nutrient into and the flow of waste out of the main culture waste chemostat and turbidostat are usually operated at different dilution rates. (
- the dilution rate is the ratio of inflow amount of nutrient medium per hour to the volume of the culture.
- In the chemostat maximum stability is attained within a range of dilution rate over which the cell density changes only slightly with changes in dilution rates in contrast in the turbidostat, maximum sensitivity and stability are acheived at high dilution rates. within range over which the culture density changes rapidly with dilution rate.
- continuos culture system have vauble advantages - ① They provide a constant source of cells in the logarithmic phase o

growth for the study of physiological and genetics of the ~~logarithmic~~ phase organisms.

(ii) These ~~and~~ systems allow the cells do be growth continuosly. in limiting concentrations of the nutrient such a growth gives valuab information on ~~the~~ catabolism of the limiting substrate.

(iii) The system can be combined with selectiv enrichment to isolate an organisms which can ~~with~~ utilize any particular type of compound as a nutrient this is very importa is ~~geth~~ rogrid of common Industrial waste pro of a poisonous pollutant.

Indraprastha New Arts, Commerce & Science College Wardha.

Department of Biotechnology.

Academic session - 2022 - 23.

Subject :- Microbiology.

Name :- Shatwari S. Bhoyar.

Class :- BSc 1st year.

Principal

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HOD
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Indraprastha New Arts Commerce and Science College, Wardha

Student

Subject Teacher. R-2-Rewatkar

classmate
Date
Page

=Paper → 1

1. Explain experiments of Louis pasteur and John Tyndal in support of biogenesis

→ Louis pasteur.

* Despite above experiments the french naturalist felix pouchet claimed that microbial growth could occur in sterile nutrient broth without entry of contaminated air. This claim provoked pasteur to disprove spontaneous generation once and for all.
* pasteur first filtered air through cotton and found that objects resembling plant spores had been trapped. If a piece of the cotton was placed in sterile medium after air had been filtered through it, microbial growth appeared.
* Next he placed nutrient broth in flask heated its neck in a flame, and drew it out into an S-shaped curve, while keeping the end of the neck open to the atmosphere. pasteur then sterlized the nutrient broth by keeping flask in bioling water bath for few minutes. He then allowed flask to cool. He reported no growth on incubation in the Content of the flask even though expo

to the air.

* when he broke the top of the flask, microbial growth occured in nutrient broth on incubation. He concluded that absence of microbial growth in broth was due to fact that when air travels through neck of flask it get sterlized and sterile air enters in broth of flask sterlization of air before its entry in flask is due to fact that atmospheric air travel through a neck of flask which is long and with bends, so microbes of air get settled in bends of neck of flask.

pasteur proved microbial growth could occur in sterile nutrient broth with entry of contaminated air.

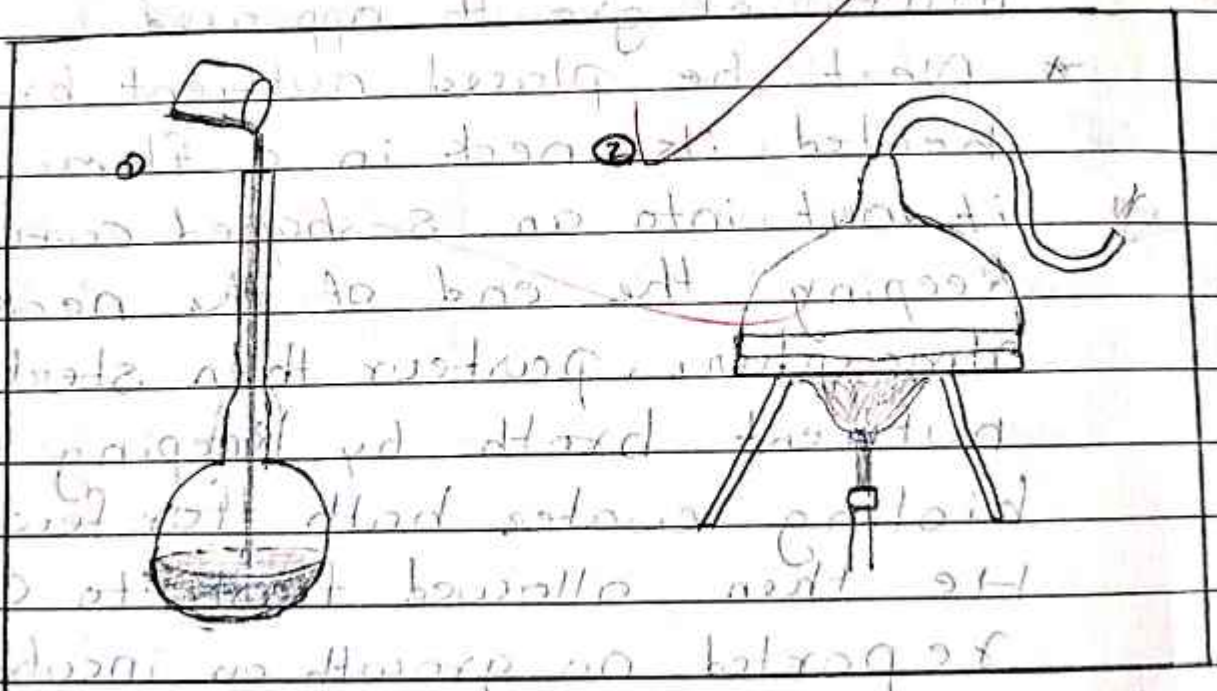


fig. pasteur's Swan neck flask experiment

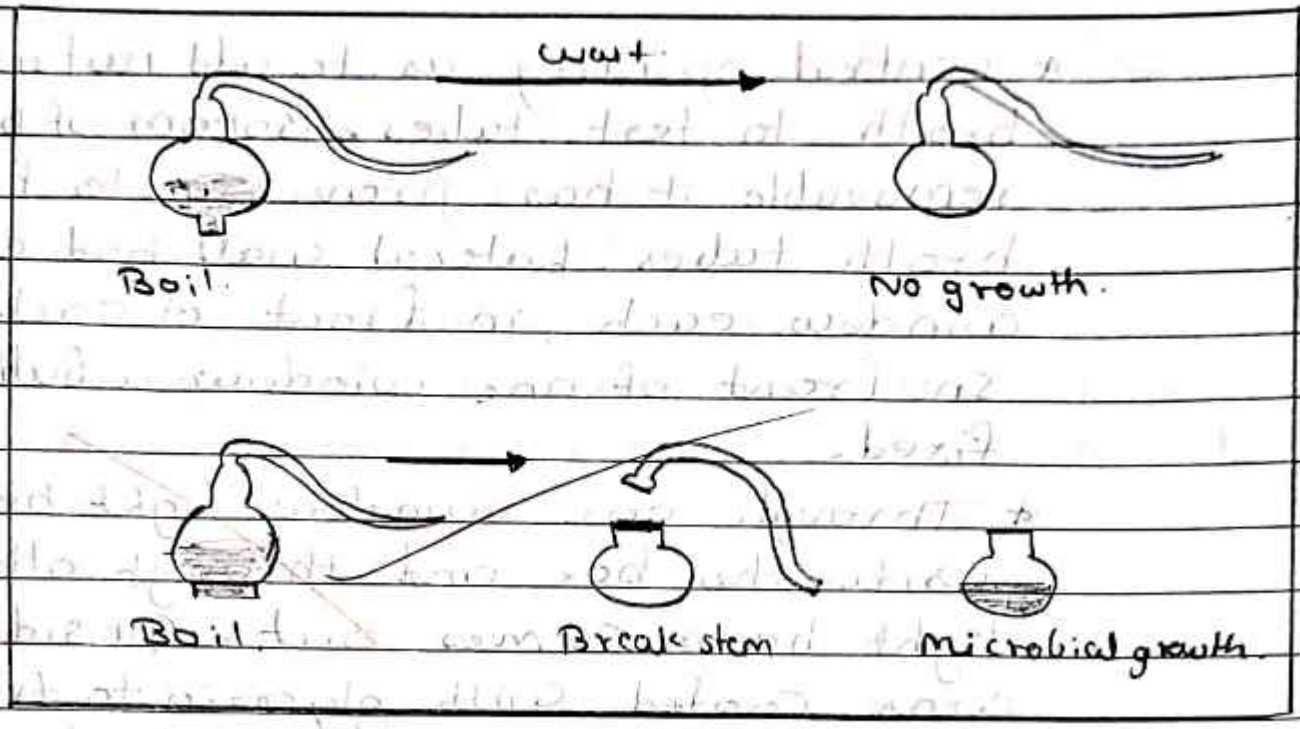


fig. Complete setup of pasteur's swan neck flask experiment.

John Tyndall

★ The English physicist John Tyndall gave a final blow to spontaneous generation by demonstrating that dust carry germs and that if dust was absent; broth remained sterile even if directly exposed to air. He proved dust free air doesn't Contaminate sterile nutrient medium.

★ John Tyndall used Tyndall box to prove dust free air does not Contaminate sterile nutrient medium. Tyndall box has four sides, one top and one bottom. Top of box has two laterals and one central opening. Each lateral opening is connected to Convoluted tube.

★ Central opening is to add nutrient broth to test tubes. Bottom of box is removable it has provision to hold broth tubes. lateral wall had one window each, in front of each other. In front of one window a bulb is fixed.

★ Through one window light beam comes inside the box and through other window light beam comes out. All side of box was coated with glycerin to trap dust particles of air present in box. when box was optically inactive, nutrient broth tubes were sterlized. Now outside air was introduced in a box.

★ He observed though outside air was introduced in box, microbial growth did not occur in broth tubes on incubation. He explained, as dust free air is present in Tyndall box, and air entering in flask is also sterile as it is entering through convoluted tubes, air could not contaminate sterile broth of tubes.

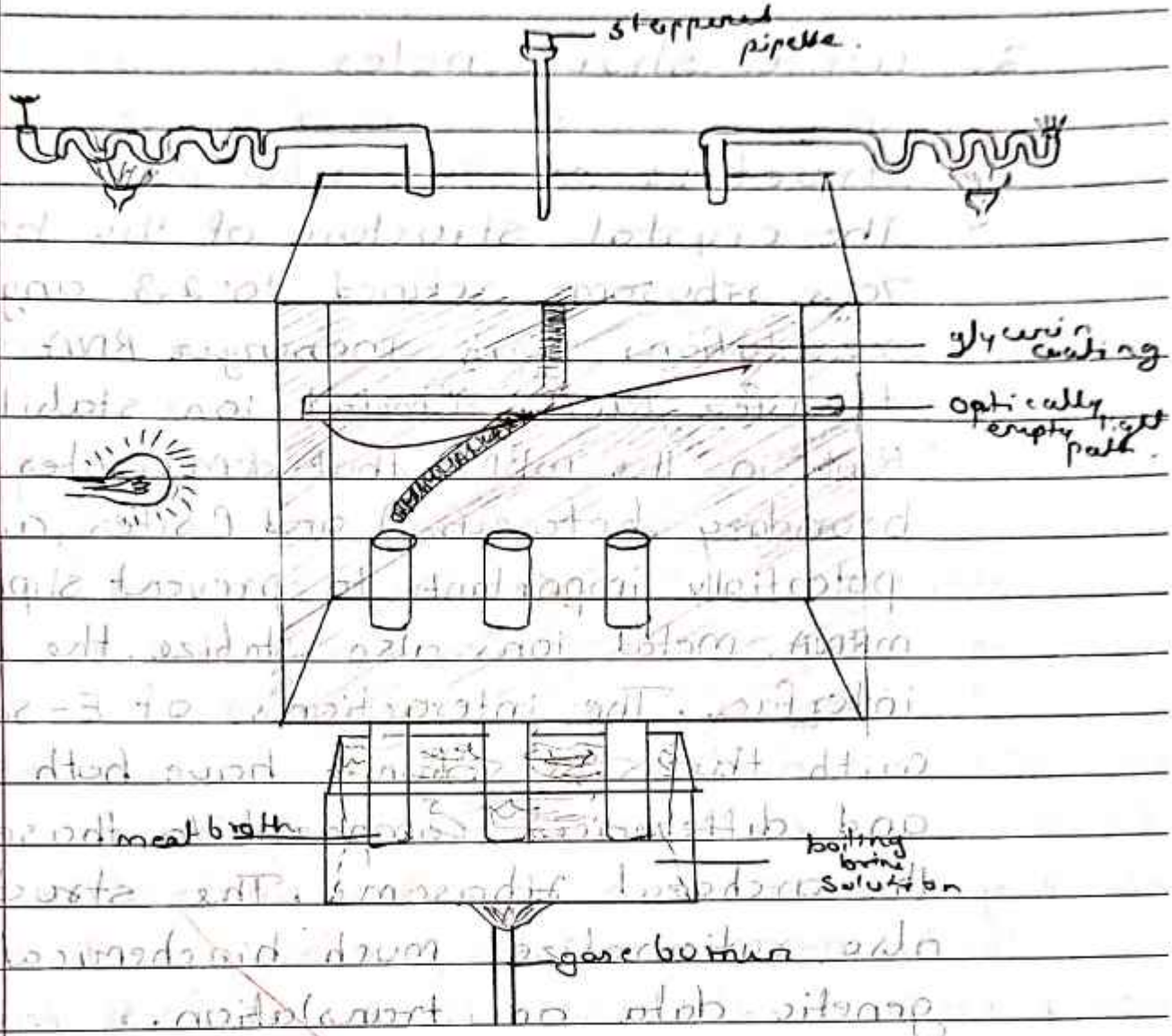


fig. Experimental setup of Tyndall box designed by John Tyndall.

2. Write short notes :

a) Structure of 70s ribosome

→ The crystal structure of the bacterial 70s ribosome refined to 2.8 angstrom resolutions with messenger RNA and transfer RNA. A metal ion stabilizes a kink in the mRNA that demarcates the boundary between A and P sites, which is potentially important to prevent slippage of mRNA. Metal ions also stabize the intersubunit interface. The interactions of E-site tRNA with the 50s subunit have both similarities and differences compared to those in the archaeal ribosome. The structure also rationalizes much biochemical and genetic data on translation.

b) R- plasmid.

→ ★ They are circular with double-stranded plasmid.

★ R factors occurs in two sizes:
1) large plasmids (mol. wt. 60 million)
2) Small plasmids (mol. wt. 10 million)

★ Large plasmids are conjugative 'R' factors. To code for the conjugation process,

it contains extra DNA.

★ Small plasmids contain only the 'r' genes. They are not conjugative.

★ It consists of two components.
Resistance transfer factor (RTF) : Carries the genes that govern the process of intercellular transfer.

★ Resistant determinant: Carries resistant genes for each of the several drugs.

★ The drug resistance is not transferrable in the case when RTF dissociates from the R- determinant.

★ For the spread of the multiple drug resistance in the bacteria, R factors plays a vital role.

★ Antibiotics can be destroyed and the membrane transport system can be modified.

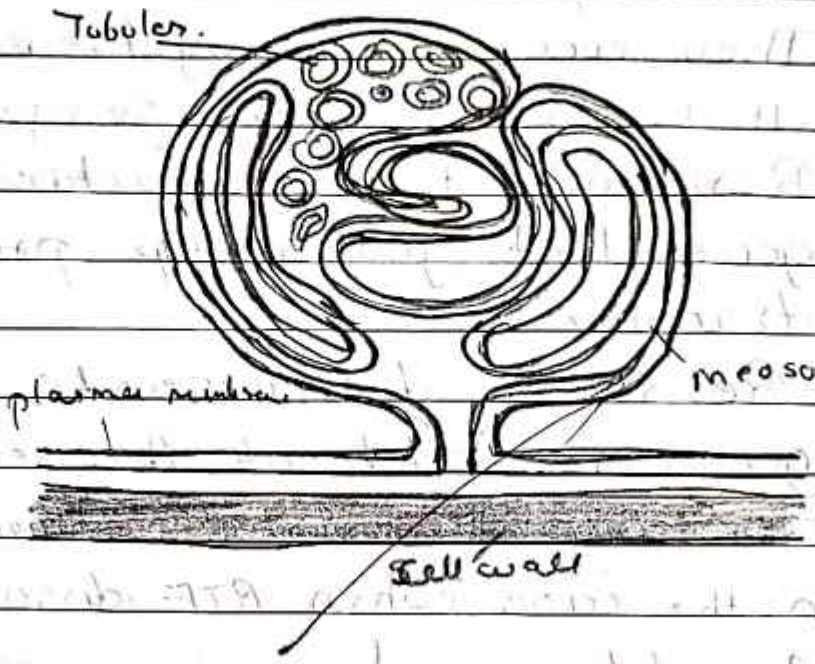
★ R-factor may carry the resistance genes either one, two or more than these.

★ They may also carry the gene resistance for the metal ions.

★ They also carry resistance to certain bacteriophages by coding for the enzymes.

c) Structure of mesosomes

→



d) Shape, size and arrangement of bacteria

→ Shape :→ ★ Most of the bacteria have a rigid cell wall that provides a definite shape to the bacteria while protecting the internal components.

★ Even though this characteristic is valid for the majority of bacteria, they vary in shape that allows them to be classified into different groups based on their forms.

★ The wide variety of shapes is determined by the bacterial cell walls and cytoskeleton

★ Even though bacteria have a wide

variety of shapes, anyone genus typically exhibits a limited subset of morphologies.
Size :→ ★ Bacteria are, in general one-tenth the size of the eukaryotic cell. On average, the size of bacteria ranges from 0.5 and 5 μm. ★ However, they can be as tiny as 0.3 μm and as large as 0.7 mm.
★ The limit of resolution with the unaided eye is about 200 microns, and as many bacteria are smaller than this size, they are not visible with naked eyes.
Arrangement of bacteria :→ ★ Cocci bacteria can exist singly, in pairs, in groups of four, in chain, in clusters, on in cubes consisting of eight cells. Cocci may be oval, elongated, or flattened after ~~cell~~ on one side. Cocci may remain attached after cell division. i) Diplococci
★ The cocci are arranged in pairs.
ex→ Streptococcus pneumoniae, Moraxella Catarrhalis, Neisseria gonorrhoeae, etc.
ii) Streptococci ★ They cocci are arranged in chains, as the cells divide in one plane.
ex→ Streptococcus pyogenes, streptococcus agalactiae.

classmate
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Indraprastha New Arts, Commerce & Science College Wardha.

Department of Biotechnology

Academic Session - 2022-23.

Ku: Asmita Gajanan Kudmate

Sub :- Microbiology - II Assignment

class :- B.Sc II Sem.

15/5/23

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9.1 Explain Bacterial spoilage of vegetables and fruits?

1) Ring rot :- Amongst various kind of spoilage bacterial ring rot is the most common and serious vegetable spoilage potato and other tubers are normally affected by this spoilage. Infection in fresh potato plants is required from infected seeds Causative bacteria is Corynebacterium michiganesis formerly known is sepectonicum.

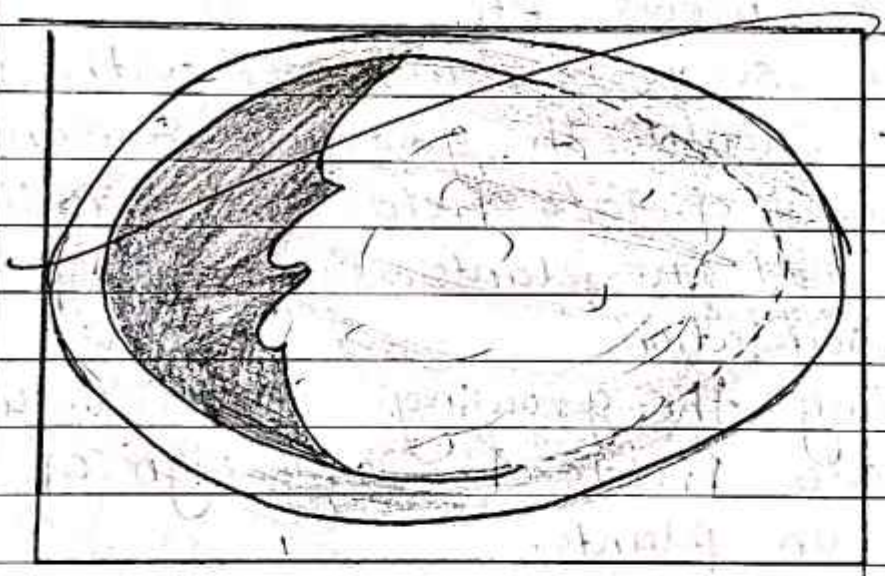


Fig 9.1 Bacterial ring rot in potato.

★ Management of ring rot :-

This disease can be managed by observing following sanitation measures.

1) use only these potato tuber seeds that seeds that are certified to be free from ring rot.

2) All leftovers from previous season including potato tubers and their vines old bags, boxes etc. should be removed from seed storage area and property discarded or bourned storage room walls, floors should be ~~sto~~ thoroughly cleaned and sanitized.

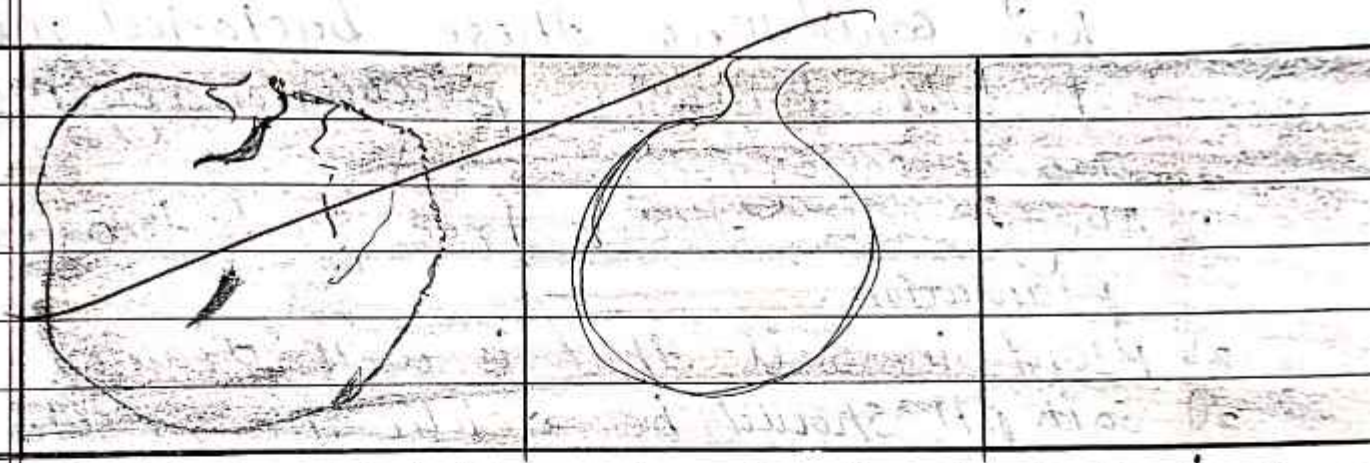
3) Sanitize all surfaces with which the seed potatoes have come in contact this many include various tools, container, knives, cutters, potato planter truck beeds etc.

4) Those seeds contaminated with ring rots should ~~th~~ growing season volunter potato fields for any sign of ~~ring rot on plants~~. never be used for plantation.

5) During the growing season volunteer potato fields for any sign of ring rot on plants.

6) Sanitation of seed potato farm is also very necessary. In case of any doubt immediate and through clean-up should be done. Infected tubers should be ~~remo~~ removed and disposed of to reduce the risk to next season's crop.

* Soft rot :- This is also a kind of bacterial spoilage of fleshy vegetables like potato tomato, carrot etc. soft rot result in destruction of plant tissue texture. This is due to secretion of enzymes by bacteria that damage plant cell wall. Therefore the plant tissue becomes soft and watery. Hence the name causative bacteria is Ralstonia solanacearum and pectobacterium carrotovorum.



* SCAB :- Scab is also a bacterial type of vegetable spoilage in which circular corkey raised lesions are developed on the surface of tubers potato carrots, beets, radish etc can be infected by scab. scab being superficial can be removed without affecting the eating quality of tubers.

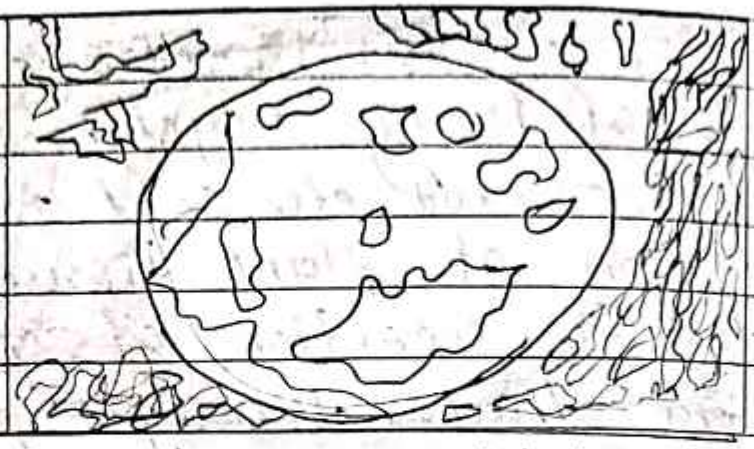


fig: 5.3 Bacterial scab developed on the surf of tubers.

* Management of soft rot and scab. for controlling these bacterial infectio of tuber following precautionary measure are necessary.

1) Always use disease free seed tubers for plantation.
2) Plant in soil that is well drained
3) Soil pH should be acidic i.e. 5.5 to 6.0.
4) prior to plantation sanitize the seed tubers in a paper bag with two tablets of elemental sulfur to avoid infection
5) keep plants well watered.

* Black rot :-

This disease is caused by bacteria xanthomonas campestris which commonly affects cruciferous crops world wide and results into higher loss of yield and quality main crops that are affect

by this infection include cabbage, cauliflower, broccoli, radish and turnip.

* Management of black rot:-

Management of bacterial black rot of vegetables can be done by observing following practices.

1) Select only those seeds that are certified as disease free.
2) Before planting treat the seeds with hot water so as to remove bacteria present
3) Soil in the seedbeds should be steam sterilized or fumigated.
4) Do not plant in that area which could receive the water or soil from previous crops.
5) Keep sufficient space between the plants to reduce leaf wetness period and infection
6) Monitor, transplant and remove the infected seedlings and immediately destroy them.
7) Avoid working in wet fields.
8) Avoid overhead irrigation of seedling
9) Do not trim the seedlings to avoid spread of bacteria by the tools used.
10) After harvesting immediately subject the crop residue for decomposition.
11) Do not deposit cull piles of crop near fields or storage area.

2. Describe fungal spoilage of vegetables and fruits ?

1) Neck rot :- This fungal infection is caused by Botrytis alli disease develop especially during storage of onions and related bulb like garlic resulting in severe loss. It is called as Neck rot because the fungal infect the neck of onion first and later the remaining tissue. This result into formation of soft and spongy tissue of onion bulb.

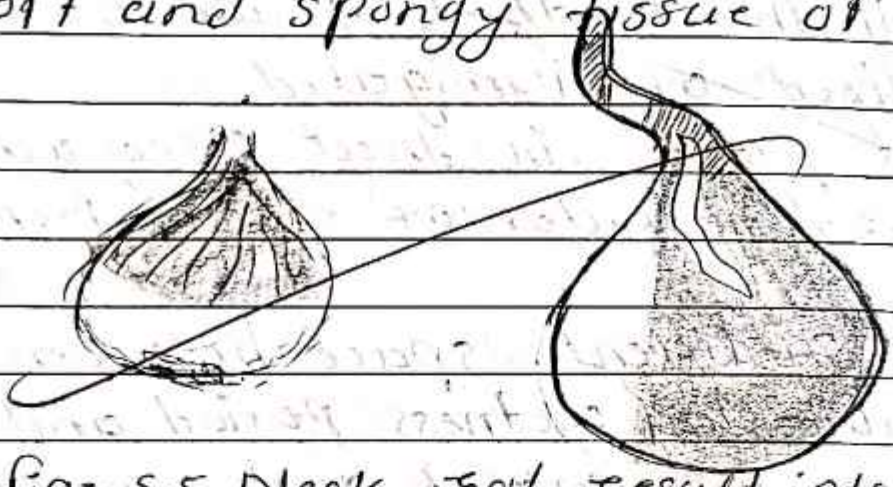


fig- 5.5 Neck rot result into formation of soft and spongy tissue of onion bulb

★

★ Management of neck rot :-
Because the infection appreaches during storage period and not during cultivation its prevention totally depends on careful harvest and storage of onion.

1) use only that variety of onion that is well adapted to the region.

2) Keep proper spacing between the plants to get free air movement throughthem.
3) During harvest period avoid injury to onion neck.
4) If possible apply fungicide before harvesting to reduce infection chances.
5) Immediately destroy onion cull and other debris that may serve as source of infection
6) Do not store damaged and infected bulbs
7) During storage contact with moisture must be avoided.

★ Black rot :-
This is the fungal infection of bulbs especially onion and garlic. causative organism is Aspergillus niger commonly called as black mold. Ground nut and peanuts are also target crops of this disease. Tremendous amount of black spores can be easily seen on the affected parts of these crops.

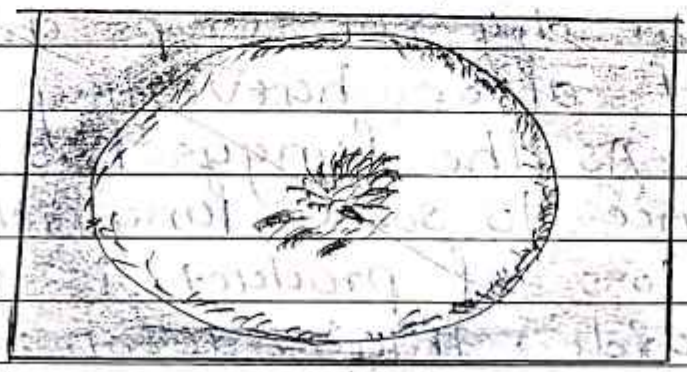


fig. 5.6. Black rot on bulbs of onion caused due to black mold Aspergilus niger.

* Management of black rot :-
This black fungus can be controlled by observing following measures
1) As far as possible green manures should be used during cultivation
2) cultivation is supepressive soil i.e. soil with higher microbial population is found to be beneficial as the fungus can't compete and is inhibited
3) plantation of such plant like marigold in fields is found to produce certain chemicals like Terthienyl that are toxic for fungus.
4) Chemical control method is not found to be effective therefore should be avoided

* Dry rot :-
This is very common fungal infection of potato. It is caused by fusarium solanum and fusarium sambucinum and is also called as fusarium dry rot. crops are particularly affected after harvesting and during storage. As the fungus has acquired resistance to some fungicides there is great loss of product is reported world wide. Thiabendazole (TBZ) is however found to be some what

effective in controlling dry rot during storage period. Infection dry rot is characterized by presence of internal light to dark black or brown rot of potato tuber and usually it is dry. Infection occurs near the cut or injury to tuber from where the fungus enters and effect the inner tissues.

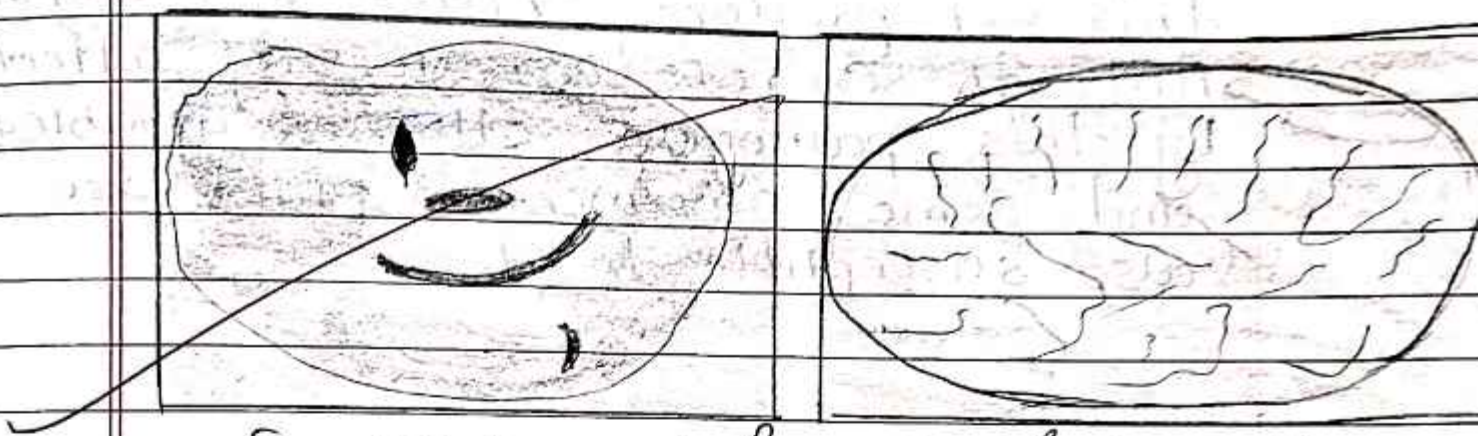


Fig 5.7 Dry rot fungal infection of potato

★ Management of dry rot :-

1) Select only those seeds that are certified to be dry rot free.
2) Before sowing warm the seed tubers to promote rapid growth.
3) Before receiving the seeds sanitize the seed storage area a properly.
4) Protect the seeds from wind and sunlight because dehydration weakens them.
5) If possible treat the seeds with proper fungicide.

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Indraprastha New Arts Commerce & Science collage Wardha.

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Date
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Q.1) Discribed in details mycobacterium tuberculosis ?

=> Introduction :-

- Mycobacteria are slender that sometimes show branching.
- Filamentous forms branching Filaments ous forms resembling fungal mycellium.
- Hence the name 'mycobacteria' meaning Fungus like bacteria . mycobacteria are therefore called 'acid fast bacilli or AFB.
- they are aerobic, non motile non capsulated and non sporing.
- Growth is generally slow.
- the genus includes obligate parasite. opportunistic pathogen and saprophytes
- the first member of this genus of be identified was the lebra bacillus discovered by Hansen in 1868.
- Koch (1882) isolated the mamalian tubercule bacillus.
- these in human was subsequently shown to be caused by two type of the bacillus the human and bovine type designed mycobacteriom Tuberculosis and m. bovis respectively.

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Defination :—

Tuberculosis is (TB) a serious illness that mainly affects the lungs, the germ that cause tuberculosis can spread when a person with illness cough, sneezes or sings.

* Morphology of Tuberculosis :—

- M. Tuberculosis is straight or slightly curved rod it is about 3 µm x 0.3 µm. occuring singly in pair or as small clumps.
- size is depends on condition of growth and long filamentous, club shaped and branching forms may be sometimes seen.
- M. bovis is usually straighter, shorter and thicker.
- Tuberculli bacilli have been described as gram positive bacteria.
- the cell wall contain a lipid; protein polysaccharide they are very antigenic for human.
- these also. L-forms are also seen.

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* cultural characteristic of Tuberculosis :-
- the bacilli grow slowly the generation time in vitro being 14-15 Hours.
- colonies appear in about two weeks and many sometimes take up to Eight weeks.
- optimum temperature is 37°c growth dose not occur low 25°c or about 40°c.
optimum pH is 6.4 m tuberculosis is on obligate aerobic, while bovis is microaeropici on primary isolation.
- the addition of glycerol improve the growth of tuberculosis.
- on solid media M. Tuberculosis form dry media M. Tuberculosis raised irregular colonies with wrinkle surface.
- they are creamy white, becoming yellowish or buff coloured for further incubation.
- M bovis colonies in comparism are flat smoth, moist white & break up easily when touched.

Resistance :—

- Mycobacteria are not specially hea
Resistance being kill 60°C in 15-
minutes.
- cultured may be killed be exposur
direct sunlight for two hour, but
baccillin in sputum may be kill
20-30 minutes.
- culture remain viable at room
temperature for 6-8 months.
and may be stored for up to
two year at 20°C.
- Tubercullie bacilli are selectively
resistance to chemical disinfectants
showing exposure to 5% phenol, 15%
sulphuric acid, 3% nitric Acid,
5% oxalic acid, and 4% Sodium
hydroxide.
- Ethanol is a suitable desinfectant
for skin, gloves and clinical
thermometers.

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* Biochemical Reaction :-

- Several biochemical test have been described for the identification of of mycobacterial species.

① Niacin test :- Human tubercle bacilli form niacin when grown on egg medium.

- when, 10% cyanogen bromide & 4% aniline in 96% ethanol, are added to a suspension of the culture.

② Aryl sulphatase test :- this test is positive only with atypical mycobacteria.

- the bacilli are grown in medium containing 0.001 M tri potassium phenolphthalein disulphate.

③ Neutral red test :- virulent strains of tubercle bacilli are able to bind neutral red in alkaline buffer soln.

④ Catalyse - Peroxidase tests :-

- these help in differentiating tubercle bacilli from atypical bacteria and provide an indication

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of the strain to isonazid.
- most a typical mycobacteria strains are strongly catalyse positive test.

⑤ Amidase tests :-
- The ability to split amides has been used to differentive mycobacter
⑥ Nitrate Reduction Test :-
- this is positive with m. tuberculosi and negative with m. bovis.

* Pathogenesis :-
- the source of infection is usually an open case of pulmonary tuberculosis.
- it is estimated that an open case of tuberculosis in India may infect an average some 25 contact before death or cure.
- other forms of tuberculosis

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are of much less importance in public health.

- the mode of infection is by direct inhalation of aerosolised bacilli contained in droplet nucleic of expectorated sputum coughing, sneezing and speaking release numerous droplets as many as 3000 infectious nucleic per cough.

Pulmonary Tuberculosis :-

1) primary Tuberculosis :-
primary tuberculosis occurs when the immune system is unable to defend against the mycobacterium Tuberculosis bacterium (MTB) infection.

2) secondary Pulmonary Tuberculosis :-
secondary tuberculosis usually occur because of the reactivation of latent tuberculosis infection.

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* Laboratory Diagnosis :

- Sample collection :
- sputum
- Blood
- urine
- Nasal swab &
- CSF

may be established by demonstrat
-g the bacilli in the lesion by
microscopy . Isolating in culture
or by transforming the infection to
experimental animal . Demonstration
of hypersensitivity to tuberculosis
may be helpful in som caries molec
-lar diagnostic have also been Introdu

Severe Symptoms :

- Persistent cough
- chest pain
- coughing with bloody sputum
- shortness of breath
- urine decoralization
- cloudy & reddish urine

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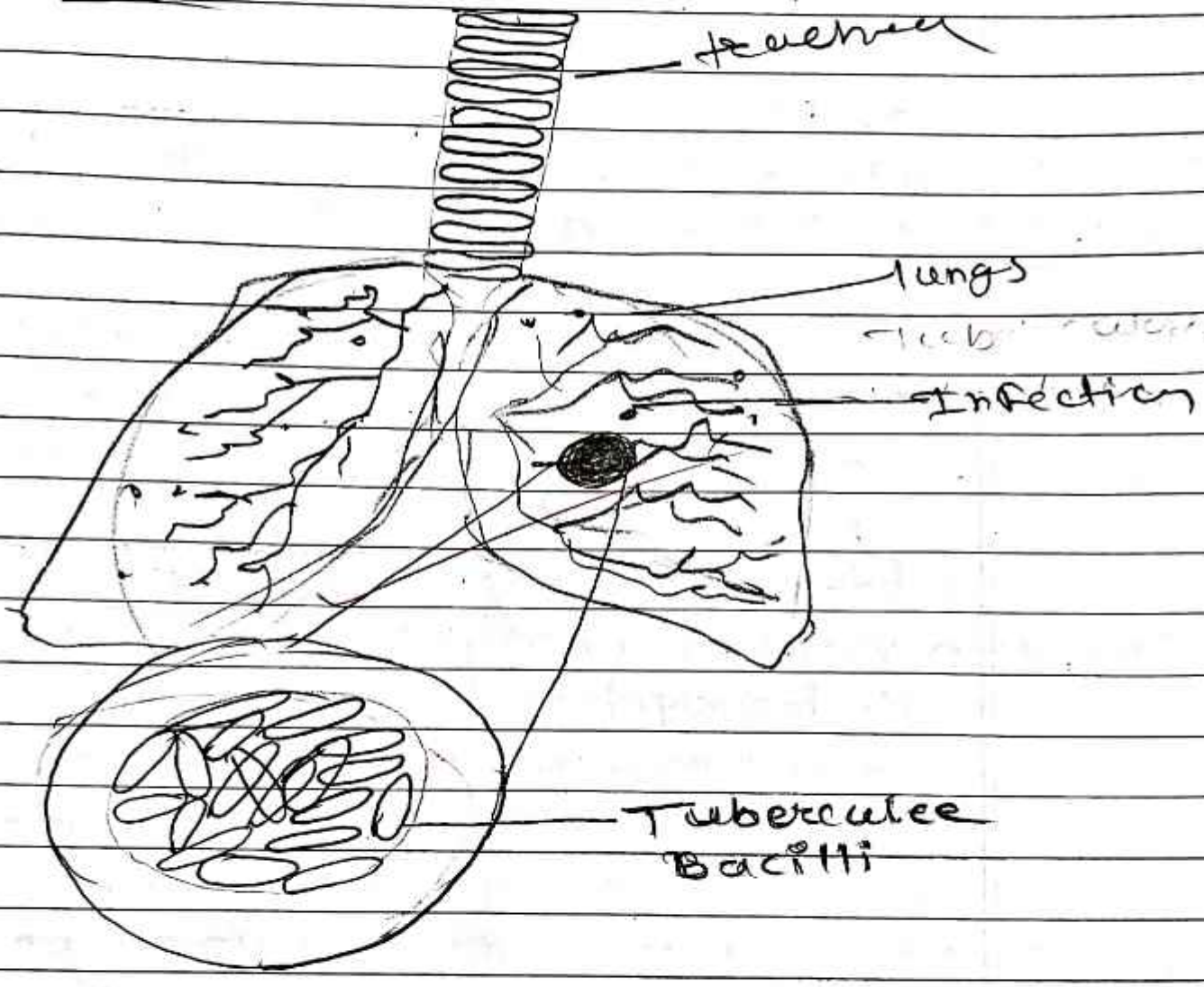
- Fever with chils.
- Fatigue.

Fig:-



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Date

Indraprastha New arts Commerce and Science College Wardha

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Subject Teacher

Assignment

Questions paper - 1 (2018)

(History and microbial morphology)

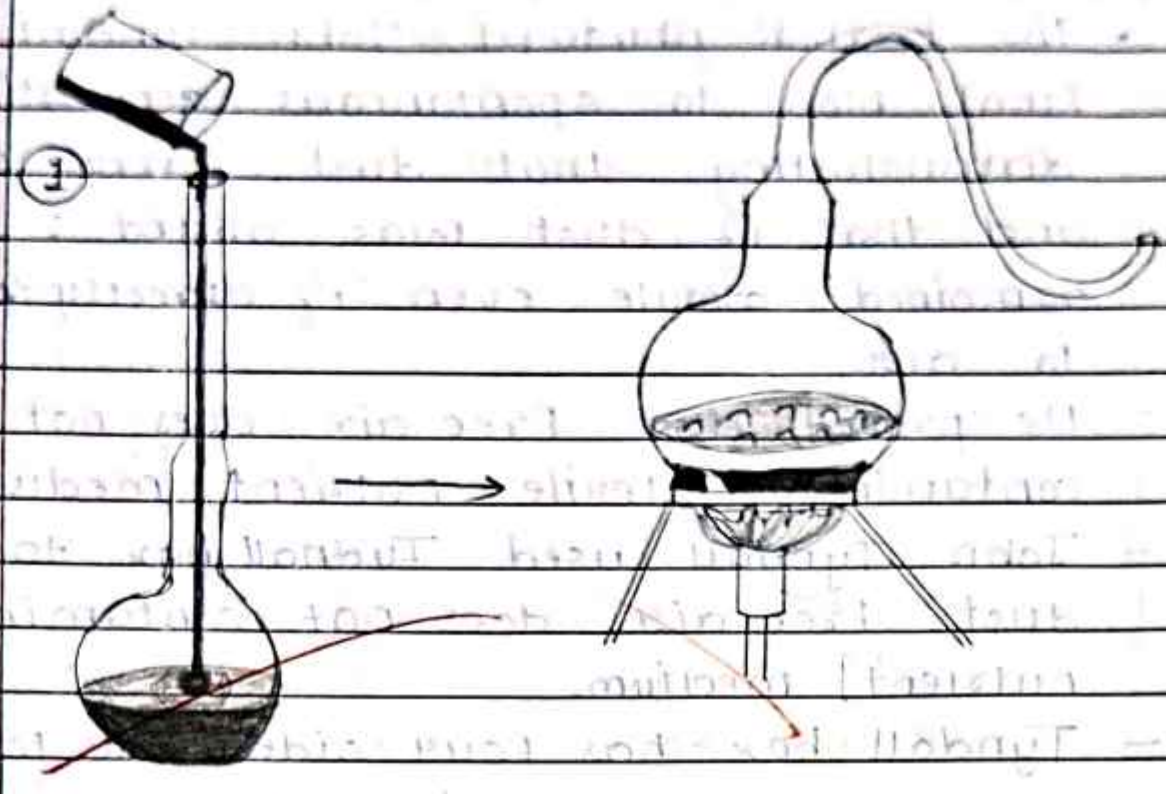
Que 1] Explain experiments of Louis pasteur and John Tyndall in support of biogenesis. (10m

Ans :- **Louis pasteur Experiment on biogenesis :-**

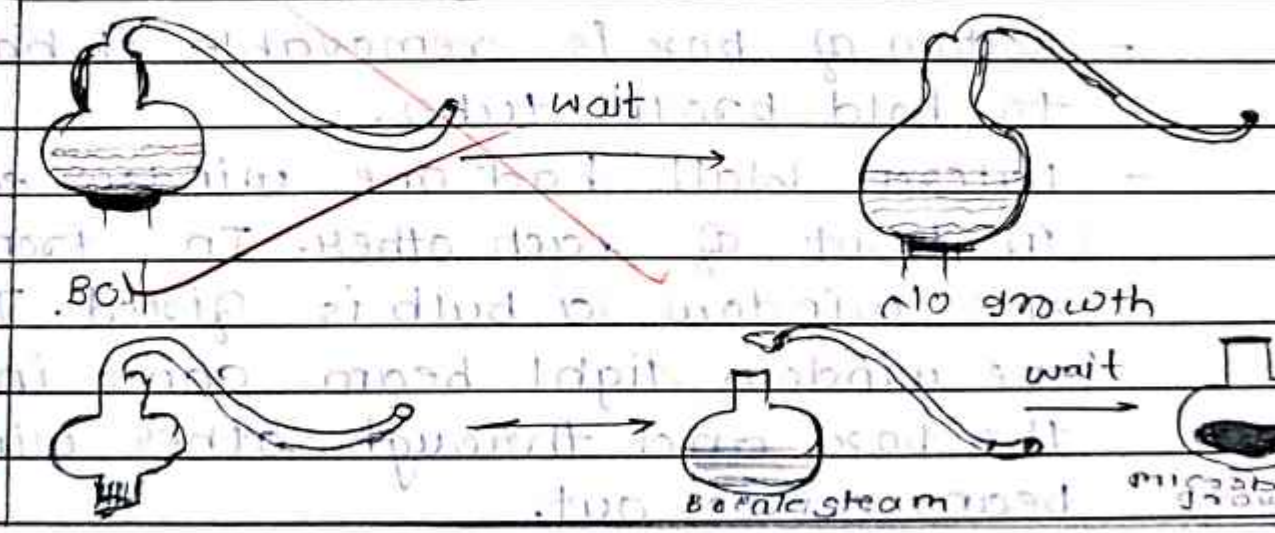
- Despite above experiments the French naturalist Felix pouchet claimed that microbial growth could occur in sterile nutrient broth without entry of contaminated air.
- This claim provoked pasteur to disprove spontaneous generation once and for all.
- pasteur first filtered air through cotton and found that objects resembling plant spores had been trapped.
- If a piece of the cotton was placed in sterile medium after air had been filtered through it, microbial growth appeared.
- Next he placed nutrient broth (boil meat soup) in flask, heated its neck in a flame, and drew it out into an S-shaped curve (swan neck flask or pasteur flask), while keeping the end of the neck open to the atmosphere.
- pasteur then sterilized the nutrient broth by keeping flask in boiling water bath for a few minutes Fig. (1.5).

- He then allowed flask to cool.
- He reported no growth on incubation in the content of the flask even though exposed to the air.
- When he broke the top of the flask, microbial growth occurred in nutrient broth on incubation.
- He concluded that absence of microbial growth in broth was due to fact that when air travels through neck of flask it get sterilized and sterile air enters in broth of flask.
- sterilization of air before its entry in flask is due to fact that atmospheric air travel through a neck of flask which is long and with bends, so microbes of air get settled in bends of neck of flask.

pasteur proved microbial growth could occur in sterile nutrient broth with entry of contaminated air.



Pasteur's swan neck flask experiment (1) powing of nutrient broth (2) heating after attachement of swan neck



complete setup of pasteurs swan neck flask experiment.

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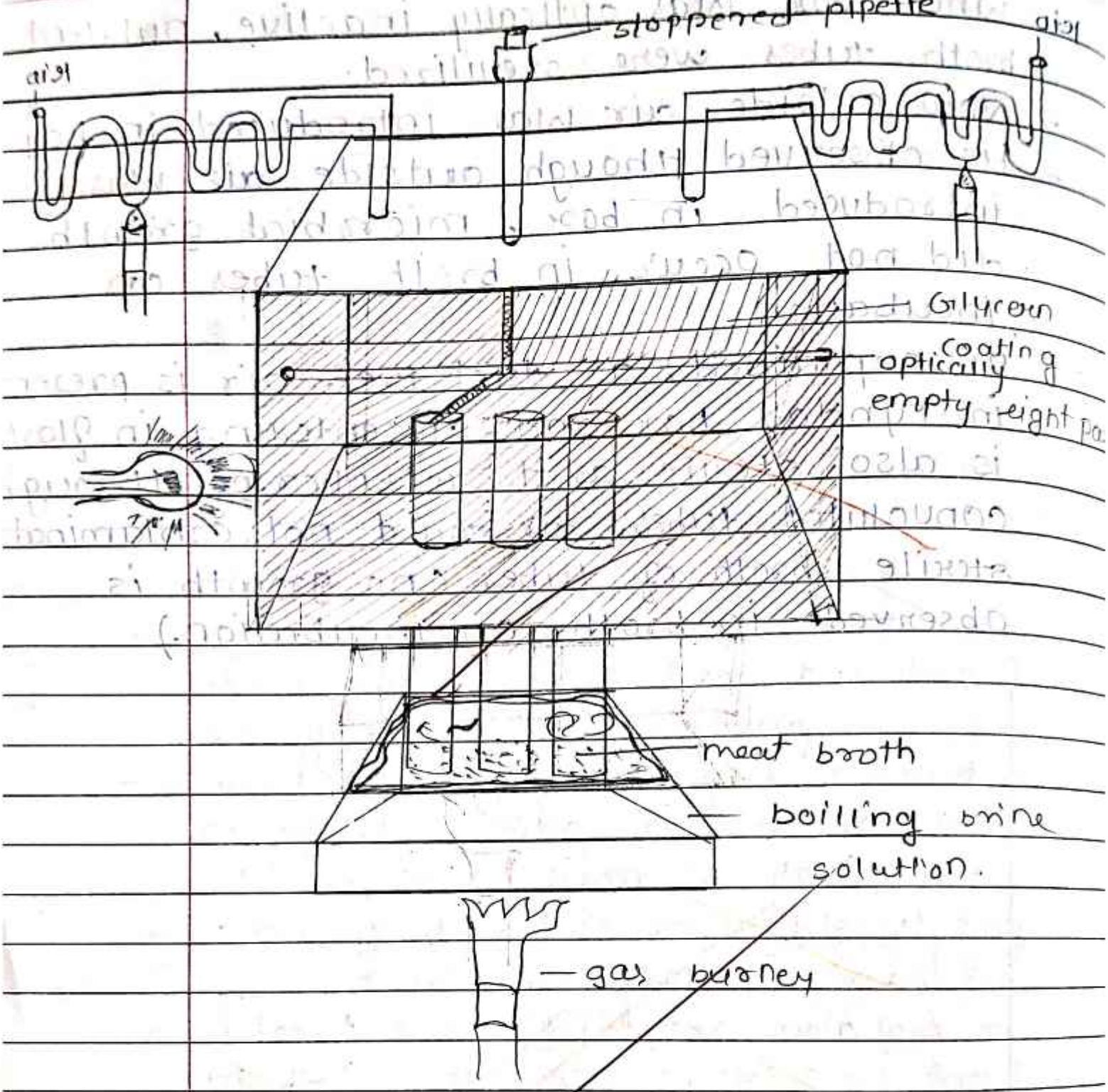
* John Tyndall Experiment on Biogenesis:
- The English physicist John Tyndall gave final blow to spontaneous generation by demonstrating that dust carry germs and that if dust was absent ; broth remained sterile even if directly exposed to air.
- He proved dust free air does not contaminate sterile nutrient medium.
- John Tyndall used Tydnall box to prove dust free air does not contaminate ster nutrient medium.
- Tyndall box has four sides, one top and one bottom. Top of box has two lateral and one central opening.
- Each lateral opening is connected to convoluted tube. central opening is to add nutrient broth to test tubes.
- Bottom of box is removable it has provi to hold broth tubes.
- Lateral wall had one window each in front of each other. In front of one window a bulb is fixed. Through one window light beam come inside the box and through other window li beam comes out.
- All side of box was coated with glycerin to trap dust particles of air present in box

- When box was optically inactive, nutrient broth tubes were sterilized.
- Now outside air was introduced in box.
- He observed though outside air was introduced in box, microbial growth did not occur in broth tubes on incubation.
- He explained, as dust free air is presen in Tyndall box and air entering in flas is also sterile as it is entering throug conuguted tubes, air could not contaminat sterile broth of tubes (no growth is observed in broth on incubation.)



Experimental setup of Tyndall box designed by John Tyndall.

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Que 2] Write short notes:
a) structure of 70s ribosome
b) R-plasmid
c) structure of mesosomes
d) size, shape and arrangement of bacteria.

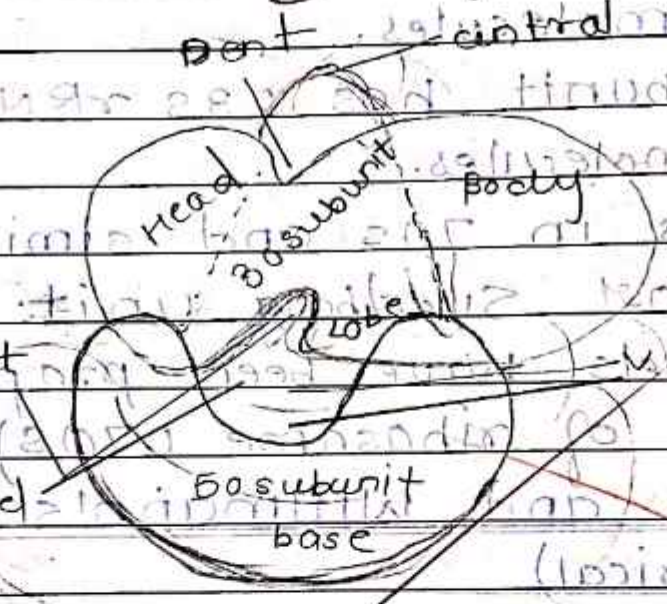
Ans:-

A] structure of 70s ribosome :- In prokaryotes 70s ribosome are present. 70s ribosom consist of smaller 30s and larger 50s subunits.
- 30s subunit has has 16-S-rRNA and 2 protein molecules.
- 50s subunit has 23S rRNA and 34 protein molecules.
- The S in 70s and similar values stands for Svedberg unit.

* Two models have been proposed to explai structure of ribosome (70S)

A] Stoffler's and Wittmann's model (symmentrical)
- According to this model, 30s unit appears like telephone receiver or embryo.
- It has transverse cleft which divide 30S subunit into smaller head and large body.
- 50s subunit appears bilaterally symmentric and shows three protubers arising from rounded base.

- The 50s subunit has been compared to an arm chair, with rounded base forming vaculated seat. the central protuberance is the back and lateral protuberance are the arms.
- According to this model, to form 70s ribosome, the frontal face of 30s subunit with its hollow faces the vaulted seat of 50s subunit.
- The long axis of the 30s subunit is oriented transversely

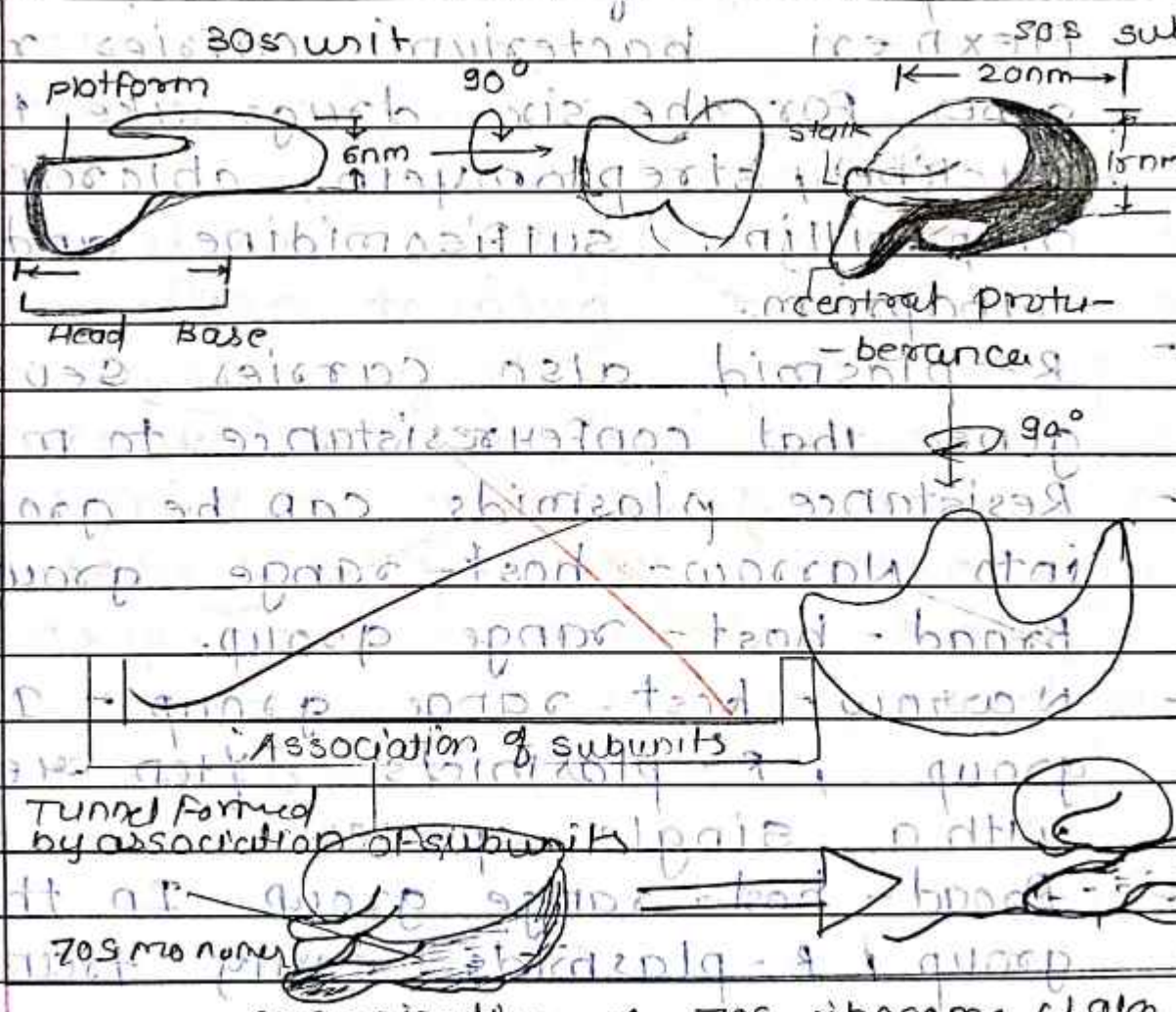


Ribosome (E.coli) Stoffal's and Wittmann's model.

B) Lakes Model (Asymmentrical model)

According to this model, 30s subunit is asymmentrical. Extending lid from lower two-third is a region called platform.

- This cleft is important functional region.
- According to this model, in forming 70s ribosome, the 30s subunit is asymmetrically poistioned on the large subunit.
- The platform of small subunit faces the large subunit.
- The partion between the head of 30s subunit is aligned with the notch of large subunit



Organization of 70s ribosome (Late model).

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Date

Assignment.

Indraprastha New Arts, Commerce & Science College Wardha.

Department of Biotechnology.

Academic session - 2022-23

Subject - Microbiology.
(Paper 1)

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Page No.
Date

Q.1 Discuss general characteristics of mycoplasma?

Ans:- Nocard and Roux (1898) first isolated a filterable and highly pleomorphic microorganisms from cattle suffering from pleuropneumonia. A number of closely related organisms were isolated from animals, man, soil and sewage. As these organisms are responsible for causing pleuropneumonia in cattles, they were called "pleuropneumonia like organism (pplo) for many years. These organisms are the smallest known free-living organisms. Becuse of the absence of cell walls, they do not stain with gram stain. and they are pleomorphic and plastic than eubacteria. With Giemsa stain, they appear as tiny pleomorphic cocci, short rods, short spirals and sometimes as hollow rings forms. Their diameter ranges from 0.15 μ to 0.30 μ. mycoplasma are saprophytes, commensals or parasites. many pathogens to plants, animals or insects.

- Classification :-

In 1996, International society of Nomenclature of Bacteria has

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separated mycoplasma from the bacteria and placed it in class molicutes.

kingdom : Bacteria.
Division : Firmicutes.
class : mollicutes.
order : mycoplasmatales.
family : mycoplasmataceae.
Genus : mycoplasma.

- Lack of cell wall :-

—the most important property of the bacteria in the genus mycoplas is the lack of cell wall as they cannot synthesize peptidoglycan. ce walls in bacteria help to give the cell structure. mycoplasma bacteria survive against certain antibiotics (ex - penicillin) as many antibiotics target the bacterial cell wall to kill infection bacteria. mycoplasma are also more suseptible to lysis, or the explasion of the cell, by osmotic imbalance due to lack, cell wall (In an osmotic imbalance a higher solute concentration as either the outside or inside the cell causes water to flow into or out of the cell, resulting in deformation and

the possible destruction of the cell). But mycoplasmas are more stable than bacterial protoplastis and presence of sterols in their membrane may be responsible for this stabilizing effect.

- Cell morphology :-

At about 100 to 200 micrometer in diameter, mycoplasma cells are some of the smallest bacteria ever discovered. Such a small size can present problems in filtration sterilization techniques. mycoplasma requires an outerside source of cholesterol, usually obtained from the food humans digest, for cell biosynthesis. cholesterol in the plasma membrane has special importance in bacteria that lack a cell wall, to help maintain cell rigidity.

- Cultural characteristics :-

The mycoplasmas on their host for diverse nutritional requirements and, thus, require complex for media for in vitro cultivation. A small number of mycoplasma existing in nature have been so for cultivated in laboratory. The cultivated in

mycoplasmas, viz, mycoplasma pneumonia and M. genetalium grow very slowly and poorly in vitro. Serum (5-20%), heart infusion, peptone, yeast extract, salts, glucose or arginine are added to media for mycoplasma culture. Serum provides cholesterol and fatty acid for membrane synthesis penicillin or thallium acetate or both is added to the medium to prevent contamination of fast growing bacteria. When mycoplasma grown on solid medium mycoplasma, they form colonies with "fried egg" appearance because they grow at the centre while spreading outwards at the colony edges.

- Internal structure :-

— The internal structure of mycoplasma are similar to typical prokaryotic cell and closely resemble with bacteria.

— The nuclear structure is in the form of DNA, which is smallest found in prokaryotes, about 5 to 10×10^8 dalton but has sufficient genetic information necessary for independent existance of the cell. Genome contains about 482 genes. The DNA is a double stranded

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Assignment:

Indrashtha New Arts, Commerce and Science college Wardha

Department of Biotechnology

Academic session ⇒ 2022-23

Subject ⇒ Biomolecules

Name ⇒ Tejas Tekam

class ⇒ Msc 1st sem

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D.D. Damkhare

Subject Teacher

Paper - I

Q] Describe in detail aquired Immunity?

→

Acquired Immunity :-

Acquired immunity is also known as adaptive immunity. It is aquired during life span. It is not due to genetic makeup. It is not due to birth right. It is always considered at individual level. It is never transmitted from one generation to other but ends with the life of that individual. Here prior contact with the Antigen is required. It is comparatively short lived. It is applicable only after the age of 3 months. It is highly specific.

Acquired Immunity is two types :-

(A) Active aquired immunity.
(B) Passive aquired immunity.

(A) Active aquired Immunity :-

In this type of immunity the antibodies are synthesized by immune apparatus of the host.

It is developed as a result of antigenic stimulus. Antigen after entering inside the host undergoes processing and stimulates the immune system to produce antibodies. Latent period is observed. It is the period between entry of antigen and synthesis of antibodies. Negative phase is always observed. It is due to combination of antigen with naturally present non specific antibody in the host. It is long lived. The duration of protection varies from disease to disease. Immunological memory is present. It is responsible for quick synthesis of antibodies after contact with same antigen. Booster doses are required [subquent dose of same vaccine]. It is not applicable to immuno-deficient host. It is always used as prophylactic [preventive] measure. It cannot be used for immunosuppresion. Active aquired immunity is further

classified into two groups as under:

(a) Natural active aquired immunity.
(b) Artifical active aquired immunity

(a) Natural active aquired immunity
This type of immunity is acquired during the life span of an individual The immune apparatus actively apparatus actively participates in the synthesis of antibodies. The antigen naturally enters inside the host hence the name natural active aquired immunity. It is explained on basis of following examples:-

- It is observed that after recovery from infectious diseases a person develops immunity. During the course of infection pathogens come in contact with immune apparatus which results in the synthesis of antibodies. These antibodies give protection after recovery for a particular time period.
- It is also observed that when a

person is exposed to a particulars infection repeatedly in subclinical doses, the natural active immuni is develop. subclinical dose is not adequate to produce infection bud act as antigen and stimulate the production of antibodies. Thus antibodies protect the host angainst the same pathogen for a specific time period.

In case of few viral diseases like small pox and measles this type of immunity may be life long. In some cases it is very short liked in influenz and common cold. In case of bacterial infections immunity is short lived as compared to viral infections.

(b) Artificial active aquired Immun

This type of immunity is aquired during life span of individual immune apparatus

-UTTAM-
Page No :
Date. / /

Assignment.

Indraprastha New arts Commerce and Science Collage Wardha

Department of Biotechnology

Academic Session : 2022-23

Name : Komal Ankushrao Dashe

College : New arts, commerce and Science college Wardha

class : Bsc 1st sem (Biotech)

Subject : Microbiology

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Subject Teacher

Q. 1 Explain the experiments in support in theory of biogenesis?

Ans:- 1) Francisco Redi :-

Francisco Redi put meat in three jars, one open, one closed with gauze and the third closed with paper. flies laid their eggs on the meat in the open jar. The eggs on the meat in the open jar. the eggs hatches to maggots, then young flies. In jar covered with gauze, flies were attached by smell of putrifying meat but they were unable enter the jar hence laid eggs on net no eggs were laid an the paper of the meat of the third jar. so it remained free of maggots. with this experiment, Redi proved Scientifically that life, the maggots comes from life, the flies, and not from non-life, the dead meat but argument was made by other scientists that maggots are microscopic organisms, therefore they may need parents, but micro

organism are too minutes, therefore they many not need parents. He was unable to answer the argument made by other scientists.

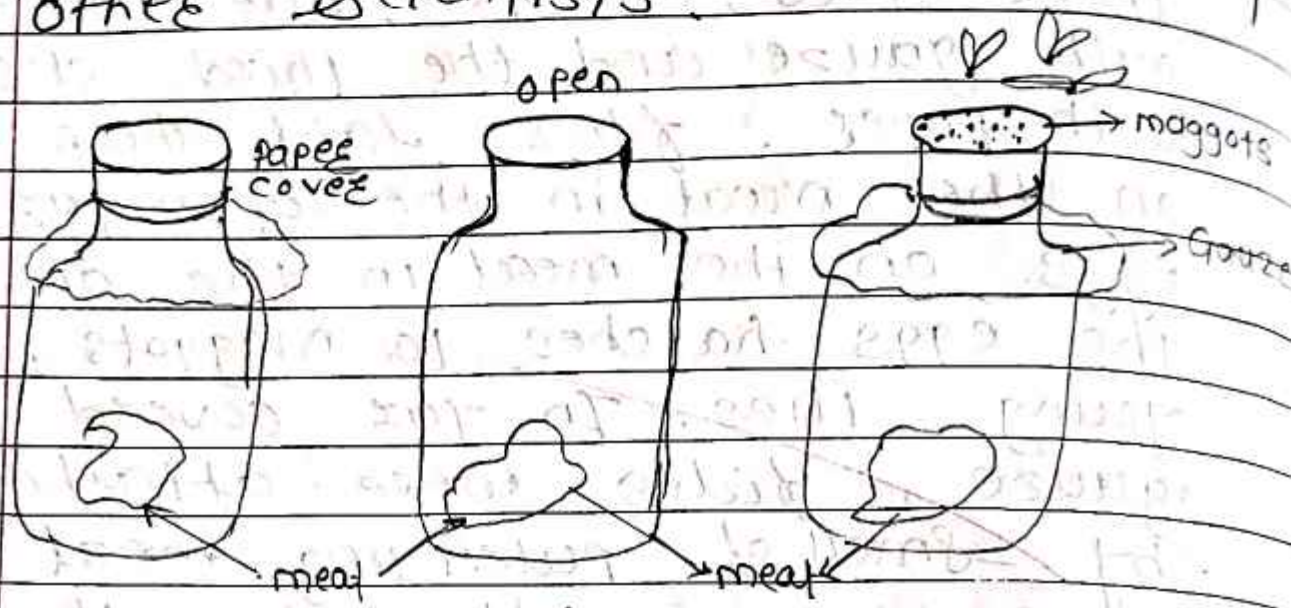

fig: Experiment by Francisco Redi

a) No eggs were laid on the paper or the meat of the third jar.
b) Files laid their eggs on the meat in the open jar.
c) A jar covered with gauze files were attracted and

lid eggs on net.

2) Lazaro Spallanzani :-

Spallanzani an Italian priest. He boiled water & seeds for an hour in sealed flask. He observed no microbial growth in flask on incubation from this observation he concluded that heat destroyed microbes of water, seeds & flask, including heat resistant forms of microbes. And as flask was sealed and air was prevented to enter in flask. no microbial growth was observed in flask & disproved the theory of spontenous generation He proposed the air carried germs to the culture medium, but also commented that the external air might be required for growth of animals already in the medium.

He pointed out that microbial growth in boiled soup in Needham's experiment was originated from heat resistant microbes which are not

distroyed by heat But John Needham was not satisfied by answer of Spallanzani growth According to john needham microbial growth was not observe in this experiment because heatin the air in sealed flask destroyed it's ability to support life.

3) Schulz and Theodore Shwann.

Theodore schwann, Schulz, George friedrich schroder and Theodore van. Dusch attempted to counter argument made by John needham that heating the air sealed flask destroyed it's ability to support life.

Theodore schwaan steelized nutrient broth in flask and passed air in steile nutrient broth Schulz and schwann reported no growth in flasks. They explained absense of microbial growth in experiment is ~~broth~~ because steile air

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Assignment.

Indraprastha New arts Commerce and Science Collage Wardha.

Department of Biotechnology

Academic Session - 2022 - 23

Sub - Biomolecules.

Class - M.Sc 1st sem.

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D.P. Damkhore

Subject Teacher

Page No.
Date

Que.1. Explain in detail chemistry and classification of Carbohydrate

Ans ⇒ ① Monosaccarides or Monosaccharoses.
② Oligosaccharides or Oligosaccharoses
③ Polysaccharides or Polysaccharoses.

* ① Monosaccarides ⇒

① The monosaccharides, often called simple sugars, are compounds which posses a free aldehyde (-CHO) or ketone (=CO) group and 2 or more hydroxyl (-OH) groups.

② They are, in fact the simplest sugars and cannot be hydrolyzed into smaller units.

③ Their general formula is $C_n(H_2O)_n$ or $C_nH_{2n}O_n$.

④ The monosaccharides may be subdivided into trioses, tetroses, pentoses, heroses, heptoses, etc. depending upon the no. of carbon atoms they posses; and as aldoses or ketoses, depending upon whether they contain aldehyde or ketone group.

⑤ some important examples are :-

name	Formula	Aldoses (Aldo sugars)	ketoses (keto sugars)
• Trioses	$C_3H_6O_3$	Glycerose	Dihydroxyacetone

• Tetroses	$C_4H_8O_4$	Erythrose	Erythrulose
• Pentoses	$C_5H_{10}O_5$	Ribose	Ribulose
• Hexoses	$C_6H_{12}O_6$	Glucose	Fructose
• Heptoses	$C_7H_{14}O_7$	Glucoheptose	Sedoheptulose

(vi) Both these characters (i.e. the no. of carbon atoms and the nature of functional group present) may also be combined into one.

(vii) Thus, for example, glycerose (= glyceraldehyde) is an aldotriose; ribulose, a keto-pentose and glucose, an aldohexose.

(viii) It is ~~not~~ noteworthy that, except fructose, ketoses are not as common as aldoses.

(ix) The most abundant monosaccharides in nature is the 6-carbon sugar, D-glucose.

* (2) Oligosaccharides ⇒

(i) It is also called as Oligosaccharoses.

(ii) These are compound sugars that yield 2 to 10 molecules of the same or diff. monosaccharides on hydrolysis.

(iii) Accordingly, an oligosaccarides yielding

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2 molecules of monosaccharides on hydrolysis is designated as disaccarides, and the one yielding 3 molecules of monosaccharides as a trisaccharides and so on.

(iii) The general formula of disaccharide is $C_n(H_2O)_{n-1}$ and that of trisaccharides is $C_n(H_2O)_{n-2}$ and so on.

(iv) A few examples are:-

- ~~Disacca~~ Disacchardes :→ sucrose, Lactose, Maltose, Cellobiose, Trehalose, Gentiobiose, Melibiose.
- Trisaccharides :→ Rhamninose, Gentianose, Raffinose (=Melitose), Rabinose Melibiose.
- Tetrasaccharides :→ Stachyose, Scorodose.
- Pentasaccharides :→ Verbascose.

(v) The molecular composition of the 3 legume oligosaccharides (viz, raffinose, stachyose and verbacose is shown below:-

raffinos
- Galactose (1-6) - Glucose (1-2) - fructose.
- Galactose (1-6) - Galactose (1-6) - Glucose (1-2)
- fructose.
→ ~~Stachyose~~.
- Galactose (1-6) - Galactose (1-6) - Galactose (1-6)
- Glucose (1-2) - fructose ⇒
Verbascose

★ (8) Polysaccharides ⇒

① it is also called Polysaccharoses

(ii) These are also compound sugars and yield more than 10 molecules of monosaccharides on hydrolysis.

(iii) These may be further classified depending on whether the monosaccharides molecules produced as a result of the hydrolysis of polysaccharides are of the same type (homosaccharides) or of diff. types (heteropolysaccharides).

(iv) Their general formula is ~~$C_6 C_{10}$~~ $(C_6H_{10}O_5)_n$.

(v) Some examples are :→

- Homopolysaccharides → Starch, Glycogen, Inulin, Cellulose, Pectin, Chitin.
- Heteropolysaccharides → "Specific soluble sugar" of pneumococcus type III, Hyaluronic acid, Chondrotin.

Page No.
Date

Assignment:

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Depaetment Of Biotechnology
Acadmic Session:- 2022-2023
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and Resouece.
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Class:- Msc 2nd Yeae.

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Dept. of Biotechnology
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R.Z. Rewatkar
Subject Teachee

Q.1 Explain soil pollution and it's impact on environment.

- Soil - Soil the uppermost layers of the earth's crust is mixture of many solid, liquid and gaseous substance having both living and non-living matter such as mineral particals, decaying organic matter, microbes along with water and air contained in spore space formation of soil is very slow process starting from weathering.

It may take 200 some thousand years to form an inch of soil depending upon the soil the local condition of area.

composition of soil is listed below

component in soil - percent

1. Organic material matter - 45%
2. Organic matter - 05%
3. soil water - 25%
4. soil air - 25%

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Soil pollution :-

Soil pollution is the contamination of the soil with pollution, toxic chemical or any contaminant in such quantity that reduce soil quality and make it inhibitable to organisms such as insect and other microbes.

Causes of soil pollution :-

(1) Industrial and mining activities - large no. of industries coming up since the drawn of industrial area without proper waste management system are biggest contributor to soil pollution

Also, since the amount of mining and manufacturing has increasing and most industries are dependent on extracting minorals from the earth.

(2) Modern Agricultureel practices - To increase the yield from limited land area, in rate to meet the increasing demand of food for

ever increasing pollution, synthetic chemical pesticide and fertilizer are being used rampfly in last few decade leading to fariety of soil.

③ Lack of proper waste Disposal :- modern lifestyle, urban as well as a rural produces huge amount of waste and lack of waste management procedure add to the problem of soil pollution.

④ Radioactive pollution :- radio-active substance resulting from emplosions of nuclear testing laboratories, radioactive + albut and industrial giving rise to nuclea dust and radioactive waste penetrate the soil and accemuled giving rise to soil pollution. eg. Nuclear reacts produce waste containing ruthenium - 106.

⑤ Biological agent :- soil get a larg amount of human, animal and bird which constitute a major source of land pollution by biologic agent.

Effect of soil pollution :-

Impact of soil pollution are not confined to soil and it's biota but are carried over to every at the environment and affe every organisms from the earthworm to humans.

Human health :-
Since we are dependent on the land for our food, pollution from the soil is transfered to us this manner.

Air pollution :-
Toxic dust, rise from landfills along with for odour, pollute the air causes adverse effect to the people which live near them.

Effect on human health :-
considering the soil is the reason we are able to sustain ourselves the contamination of its has

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Date

Indraprashtha New Arts, Commerce and Science college Wardha

Department of Biotechnology

Academic Session ⇒ 2022-23

Subject ⇒ Environmental Science

Assignment

Name ⇒ Payal. G. Deshmukh

Class ⇒ MSc 1st Sem

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R-2-Rewatkar

Subject Teacher

Environmental Education

Man as a part and parcel of the environment has to recognize the role and importance of environment in order to protect it and to get protection from it, for this he needs environmental education

Defination

International Union for the Conservation of Nature (IUCN 1971)

The process of recognizing values and clarifying concepts in order to develop skills and attitudes necessary to understand

appreciate the interdependence among ~~them~~ men his culture and his biophysical surrounding. EE also entails practice in decision making and self formulation of a code for behaviour about issues concerning environmental quality.

Goals of Environmental education

To improve the quality of environment

To create an awarness among the people on environmental problems and conservation

To create an atmospher so that people participate in decision making and develop the capacities to evaluate the developmental programme

Environmental Awarness is essential for

Protection of the atmosphe

Protection of land resources

Conservation of biological diversity

Environmentally Sound managment of biotechnolog and hazadous wastes

prevention of illegal traffic in toxic products and waste

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Enviromental education is the process of recognizing values and clarifying is a learning process that increases about the environment and associated challenges develops the necessary skills and expertise to address the challenges and fosters attitudes motivation and commitments to make informed decisions and take responsible action

the Components or environmented education

1. Awarenss
2. knowledge
3. Attitude
4. skill
5. participation

Indraprastha New arts Commerce Science College Wardha

Department of Biotechnology

Academic Session : 2022-23

Ku: Asmita Gajanan Kudmate

Assignment :- Microbiology-I

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Indraprastha New Arts Commerce and Science College, Wardha

Subject Teacher

Q.1 discuss general characteristic of micro-plasma.

→ Nocard and Roux [1898] first isolated filterable and high pleomorphic microorganisms from cattle suffering from pleuropneumonid. A number of closely related organisms were isolated from animals 'man' soil and sewage. As these organisms are responsible for causing pleuropneumonia in cattle they were called "pleuropneumonia like organisms" [PPLO] for many years. These organisms are the smallest-known free-living organism because of the absence of cell wall, they do not stain with the gram stain, and they are more pleomorphic and plasti than eubacteria. with giemsa stain they appear as tiny pleomorphic cocci, short spirals and some times as hollow ring forms their diameter ranges from 0.15 u to 0.30 u. mycoplasmas are saprophytes, commen sols or parasites many are path ogens to plants animals or insects.

* **classification :-** In 1966 International society of Nomenclature of bacteria has separated mycoplasma from bacteria and placed into in class molicutes

kingdom : Bacteria
division : firmicutes
class : mollicutes
order : mycoplasmatales
family : mycoplasmataceae
genus : mycoplasma

* **Lack of cell wall :-** The most important property of the bacteria in the genus mycoplasma is the lack of a cell wall as they cannot synthesize peptidoglycan. cells walls in bacteria help to give the cell structure. mycoplasma bacteria survive against certain antibiotics [ex. penicillin) as many antibiotics target the bacteria cell wall to kill infectious bacteria, mycoplasma are also more susceptible to lysis or the explosion of the cell, by osmotic imbalance due to lack of cell wall [In an osmotic imbalance a higher solute concentration on either the out side or inside of the cause water to flow into or out of the cell

resulting in deformation and the possible destruction of the cell. But mycoplasma are more stable than bacteria protoplasts and presence of sterols in their membrane for this stabilizing effect.

* **Cell morphology :-** A about 100 to 200 micrometers in diameter, mycoplasma cell are some of the smallest bacteria ever discovered such a small size can present problems in filteration sterilization techniques mycoplasma requires an outside source of cholesterol, usually obtained from the food human digest for cell biosynthesis cholesterol in the plasma membrance has special importance in bacteria that lace a cell wall to help maintain cell rigidity.

* **Cultural characteristics :-** My mycoplasmas depend on their host for diverse nutritional requirements for in vitro cultivation. A small number of mycoplasma existing in nature been so for cultivated in laboratory. The cultivable mycoplasma viz mycoplasm pneumonia and M. genetalium grow very slowly and poorly in vitro.

Seram [5-20%] heart infusion, yeast extract glucose or arginine added to media for mycoplasma serum provides cholesterol and fatty acids for membrance synthesis penicillin or taulium acerate, or both is added to the medium to prevent contamination of fast growing bacteria. When mycoplasma grown on solid medium They grow at the centre from colony with fried Egg appearance because they grow at the centre while spreding out words at colony edges.

* Internal Stucture :- The internal structure of mycoplasm as are similar to typical prokaryotic cell and closely resemble with bacteria. The nuclear stucture is in the form of DNA which is smallest found in prokaryotes, about 580 x 10^8 daltons but has sufficient genetic information of the cell. A significant amount of RNA present with other metabolites in absent normal ratio. Mesosomes are evidently a may be because of the elasticity of cell membrane. Enzyme systems and metabolic and metabolic phenomenon of mycoplasma are slight

classmate
Date
Page

Assignment.

Indraprastha New Art's, Commerce And Science College Wardha.

Department of Biotechnology

Academic Session :- 2022-23

Subject :- Microbiology
(Paper - I)

Name :- Akanksh Kakarwal.

Class :- BSc. 3rd year. (VI sem)

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R.Z. Rewatkar
Subject teacher.

1) Describe hemonatopoietic.

→ In humans blood cells from a type of cell called hamatopic stem cell (HSC). shem cells are cells that can differentite into other cell type they are - renewing - they maintaince their population level by cell division.

In humans hemotopoitis the formation and developed of red and while blood cells, begins in the embryonic yalk sac claring differentiate into primaistue erythroid cell that contain embryonic hamoglobin.

In the third month of gestration. hoematopoiethic stem cells migrate from the yolk sac to the total linear and then to the splen. Hence in hecma tropoens from the third to the seventh month's gestration.

Filter that the differention of

Hecs in the brcome marrow become the major factor in hemontophoresis and by birth there in liver and spleen.

Irs contract to a uniquethell, which differientate into a single byre a hematopatic show cell is multiplate or plusaipotent able differetiate in various ways and thery genrate esrythrocytes, gracycles and meophoig cyctes.

Easly in hoematnopheris, a multipheter slem cell differentrate along one or two pathoways giving rise to either acommon nycleoid pragenitror cell, the type and amount of growth factress in the microriemment of a particular cell or progenitor cell control into differention

Daring the devolopment of the hycroid and nucleoid lineages sem cells differetiate into pregencies cells.

classmate
Date
Page

Q.2) Describe lymph note.

→ As blood circulates under presure its fluid componets (plasma) see through the thin wall of the capillasis into the surroundings rapable.

Macte of this fluid, cells intrested fluid returns to the blood, through the capillary membrance. The remainler of the intestitional fluid how called hymph. flows from the spaces in connection tissue into a spaces in connect tissue large collecting vesselres called hymphatic vosseles.

the larget lymphatic vossels. the thoroic duct. empties into the left auto clavin near the heart In this way, the hymphomatic system captures fluid last form the blood and returns it to the blood, thus ensuring stealy levels of third within the circularly system.

when a fraction or vaution given the lamphmetc tissue it is created piches up by the lygphmatic systeam

Various body and is caused to such as lymph nodes, which trap the foreign antigen.

As lamph passes from the tissues to lamphatic levels. the become programissing ensided to lymphatic thus the lymphetc system also serves as a means of transpositing lymphocytes and antigen trapped antigen undergo activation to lymphocyte is illustrated in fig.

lymph notes are the sites where in come responses are movented to antigens in lymph.

associate with MHC molecules with in the cell intergic, and the peptide-MHC comperses are transported to the membrance whereas they are displayed whener antigen presentation

Class I and class II MHC molecules associate with peptides that have been processed in different intered cellulose compartaments intreel endogenous antigen that have been processed.

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Date

Indraprastha New arts Commerce and Science Collage Wardha

Department of Biotechnology

Academic Session : 2022 - 23.

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Assignment

Questions paper - 1 (2018)

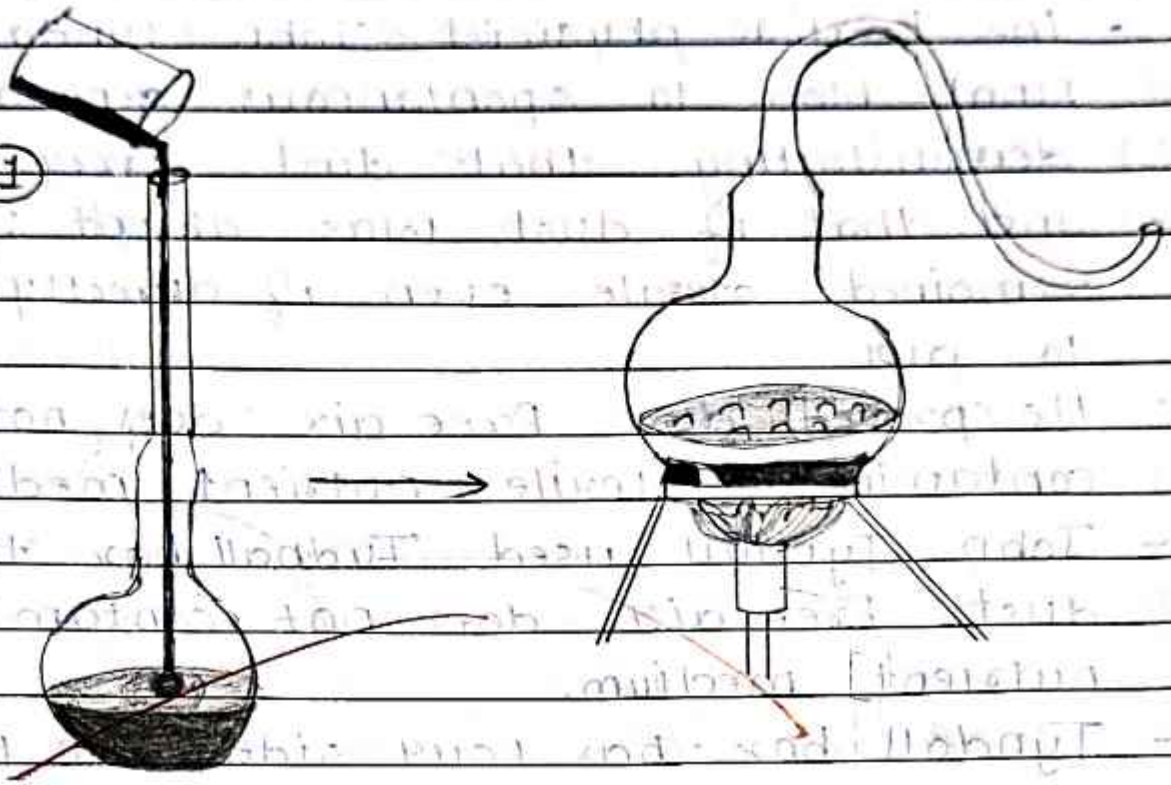
(History and microbial morphology)

Que 1] Explain experiments of Louis pasteur and John Tyndall in support of biogenesis. (10m

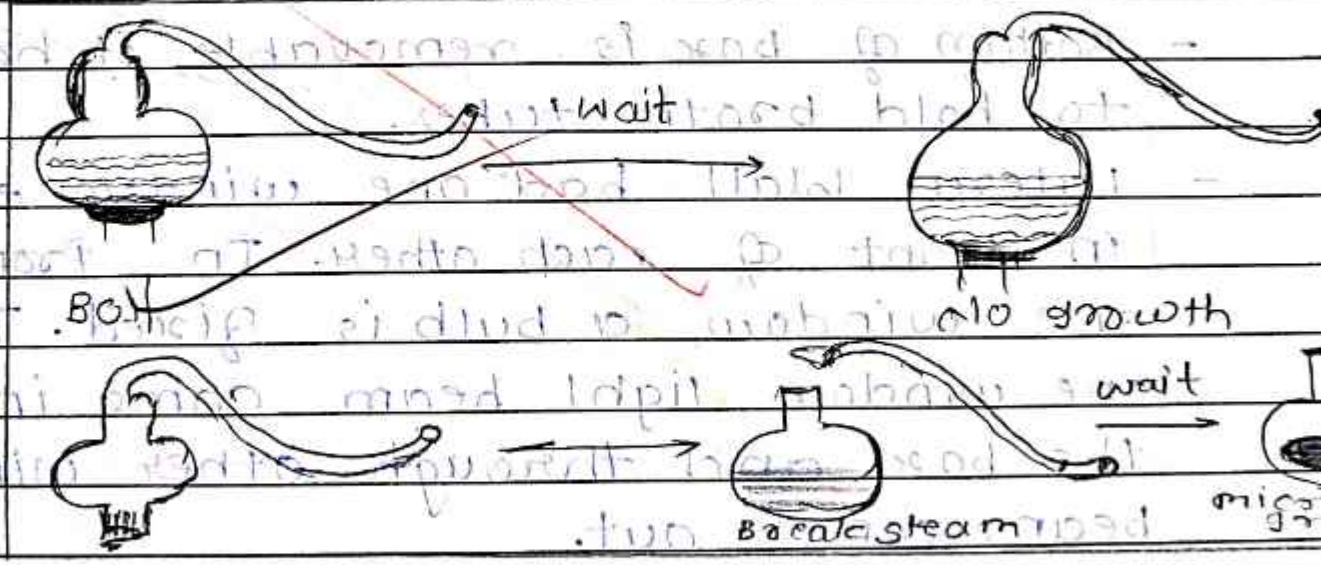
Ans :- **Louis Pasteur Experiment on biogenesis :-**

- Despite above experiments the French naturalist Felix pouchet claimed that microbial growth could occur in sterile nutrient broth without entry of contaminated air.
- This claim provoked pasteur to disprove spontaneous generation once and for all.
- pasteur first filtered air through cotton and found that objects resembling plant spores had been trapped.
- If a piece of the cotton was placed in sterile medium after air had been filtered through it microbial growth appeared.
- Next he placed nutrient broth (boil meat soup) in flask, heated its neck in a flame, and drew it out into an S-shaped curve (swan neck flask or pasteur flask), while keeping the end of the neck open to the atmosphere.
- pasteur then sterilized the nutrient broth by keeping flask in boiling water bath for a few minutes Fig. (1.5).

- He then allowed flask to cool.
- He reported no growth on incubation in the content of the flask even though exposed to the air.
- When he broke the top of the flask, microbial growth occurred in nutrient broth on incubation.
- He concluded that absence of microbial growth in broth was due to fact that when air travels through neck of flask, get sterilized and sterile air enters in broth of flask. So sterilization of air before its entry in flask is due to fact that atmospheric air travels through a neck of flask which is long and with bends, so microbes of air get settled in bends of neck of flask.
- Pasteur proved microbial growth could occur in sterile nutrient broth with entry of contaminated air.



Pasteur's swan neck flask experiment (1) pou
of nutrient broth (2) Heating after attachemer
of swan neck



Boiling complete setup of pasteur's swan neck fl
experiment.

Date

John Tyndall Experiment on Biogenesis :

- The English physicist John Tyndall gave final blow to spontaneous generation by demonstrating that dust carry germs and that if dust was absent ; broth remained sterile even if directly exposed to air.
- He proved dust free air does not contaminate sterile nutrient medium.
- John Tyndall used Tydnall box to prove dust free air does not contaminate sterile nutrient medium.
- Tyndall box has four sides, one top and one bottom. Top of box has two laterals and one central opening.
- Each lateral opening is connected to convoluted tube. central opening is to add nutrient broth to test tubes.
- Bottom of box is removable it has provis to hold broth tubes.
- Lateral wall had one window each in front of each other. In front of one window a bulb is fixed. Through one window light beam come inside the box and through other window li beam comes out.
- All side of box was coated with glycerin to trap dust particles of air present in box

Page No.:
Date : / /

Indraprastha New arts, commerce and Science college Wardha

Department of Biotechnology

Academic session :- 2022-23

Subject :- Assignment

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class :- MSc 1st sem

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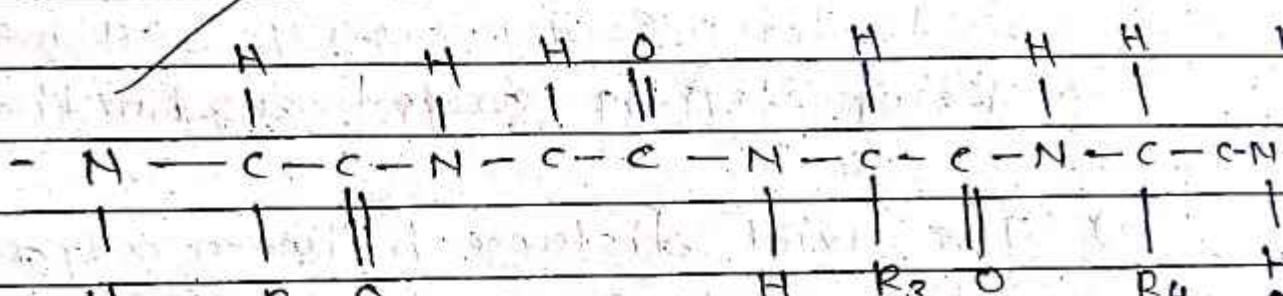
Subject Teache

main chain forms the inner part of the rod, and the side chains extend outward in a helical array.

- The α-helix is stabilized by hydrogen bonds between the NH and CO groups of the main chain.
- The CO group of each amino acid is hydrogen-bonded to the NH group of the amino acid that is situated fo residues ahead in the linear sequenc



- It is, thus, apparent that the α-helic structure depends on the intramolec (= intrachain hydrogen bonding betn the NH and CO groups of pept bond.
- The hydrogen bonding occurs spontane and as a result, a polypeptide co assume a rod-like structure with well defined dimensions.

2) β-pleated sheet

- Pauling and Corey (1953) identified a second type of repetitive, minimum-energy or stable conformation, which they named β-pleated sheet.
- The β-pleated sheet differs markedly from the rodlike α-helix.
1. A polypeptide chain in a β-pleated sheet, called a β-strand, has fully extended conformation, rather than being tightly coiled as in the α-helix.
2) The axial distance between adjacent amino acids in β-strand, has fully extended conformation. pleated sheets. in 3.5 A, in contrast with 1.5 A° for the α-helix.
3) β-sheet is stabilized by hydrogen bonds between NH and CO groups in different polypeptide strands, whereas in the α-helix, the hydrogen bonds are between NH and CO groups in the same strand.

- There are two types of β-pleated sheet structures. If N-terminal ends of all the participating polypeptide chains lie on the same edge of the sheet, with all C-terminal ends on the opposite edge, the structure is known as a parallel β-pleated sheet.

- silk fibroin :-
is one example of a protein that has the antiparallel pleated sheet structure, It is member of a class of fibrillar proteins called α-keratins.

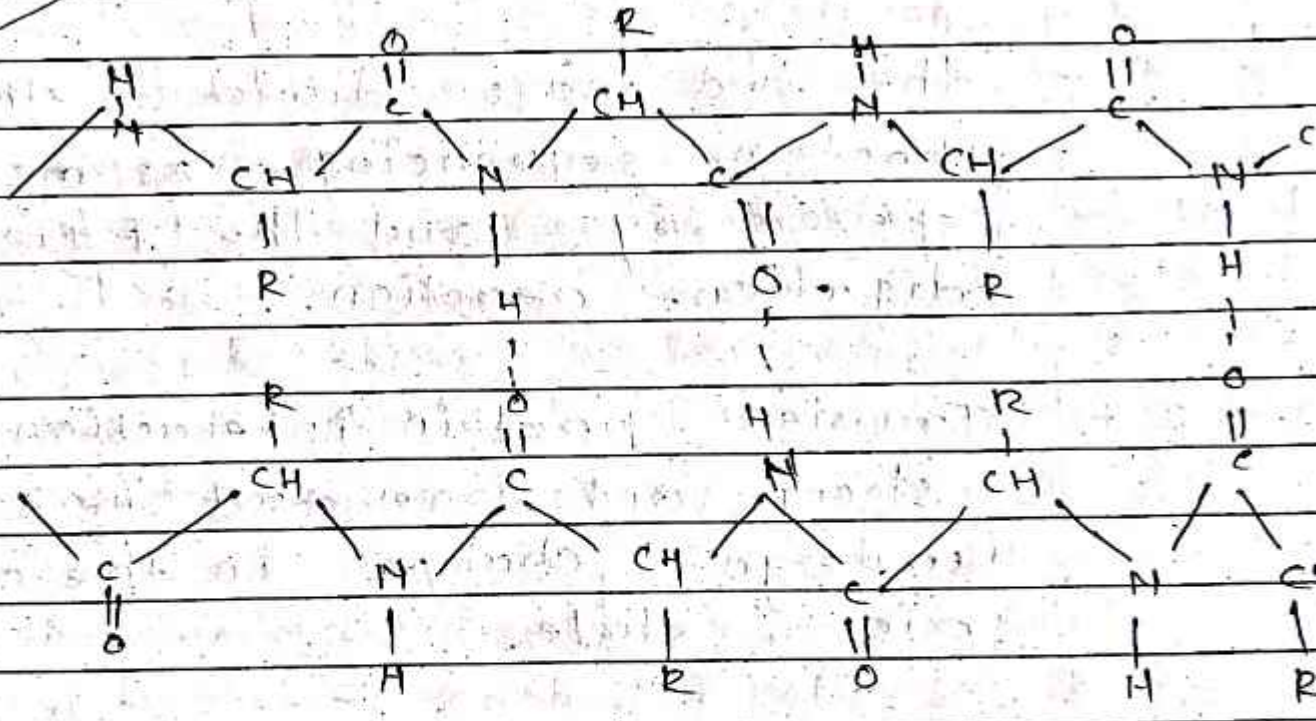


fig A portion of two chain of silk fibroin.

unit III

Page No.:
Date: / /

Q.w 5. Discuss in detail protein sequencing

→ protein sequencing

protein are found in every cell and or essential to every biological process protein structures is very complex: determining amino acid sequences of its constituent peptides and also determining what concentration it adopts and whether it is coupled with or peptide nucleic acid

- the two major direct method of protein sequencing as mass spectrometry and the Edmen digestion reaction.

- Transient protein interactions. strong and irreversed it readily undergo changes in the oligomeric state.

- Interaction and protein, kinase, protein phosphate glycosyl trans-

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Date

Assignment

Indraprastha New arts, Commerce and Science Collage Wardha

Department of Biotechnology

Academic session :- 2022-23

Subject :- Biotechnology
(pepar-1)

Name :- Saniya Moon

Class :- B.Sc. 1st sem

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Dept. of Biotechnology
Indraprastha New Arts Commerce
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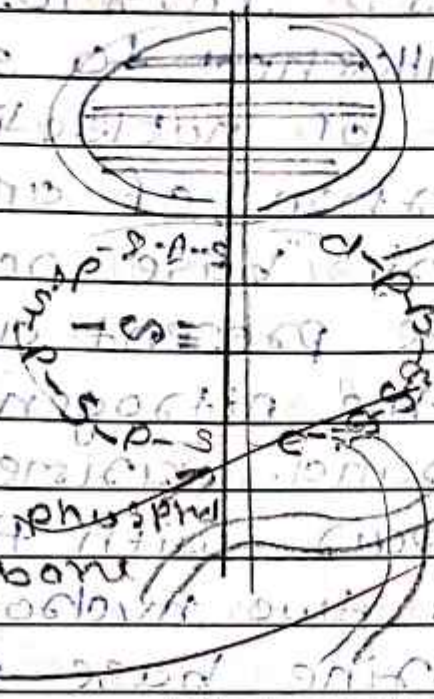
D.D Dambhare

Subject Techer

Page No
Date

Q.1 Describe structure of DNA in detail

Ans:



Structure of DNA

- DNA molecule as a double helix

According to the model proposed by watson and crick a DNA molecule consists of two long strands called around a common imaganary paired axis to form a twiste ladder and show alternating major and mino

- Structure of each strand each stra of DNA consist of number of nucle tide each nucleotide is make up to deoxyribose sugar phosphate grou and nitrogen base. The succesive

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Date :

nucleotide of same strand are linked by 3-5' phosphonde anteages phosphate attached to 5th carbon of a sugar of nucleotide is joined to 3rd carbon of another.

- complementary base pairing the nitrogen base present an one strand pair with the nitrogen base of opposite strand. purine base (A) is always pair with the pyrime baye (T) by two hydrogen bonds and the purine base (G) is always pair with the pyrimidine base (C) with three hydrogen bonds. the pairing also termed as compementary baye pairing

- purine/pyrimidine ratio due to complementary base pairing total number of purine base is always equal to the total number of pyrimidine base i.e 1:1 ratio this is called chargeful is rule it is may represented as follow

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A+G = T+C or $\frac{A+G}{T+C} = 1$

- polarity of strand: each strand of DNA has a specific polarity. one end is considered as 5' end whereas the other end is 3' end. this polarity is because of 3rd and 5th carbon atoms of the deoxy base sugar. At 5' end there is a free phosphate group while at the 3' end there is a free -OH-group one the structure runs in 5'-3' direction this is arrangement of two strands of DNA is considered as antiparallel.
- major and minor grooves normally the strands of DNA undergo right handed coiling around a central imaginary axis the coiling of double helix result in formation of major deep grooves and the twisting of two strands around one another forms the minor or shallow grooves they are found in alternate manor.
- dimension:-

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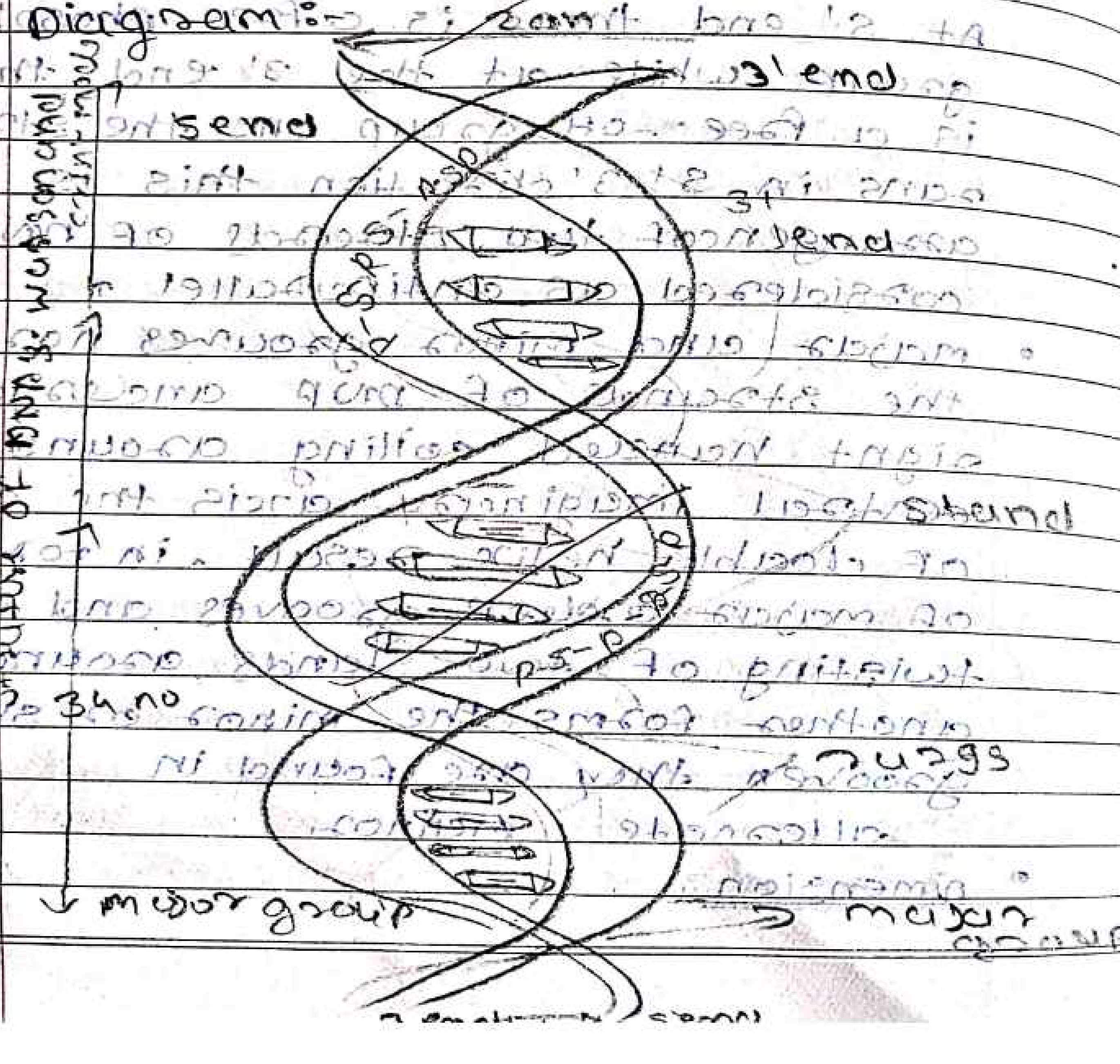
Date

The dimeter and DNA molecular is cm. the sprell ladder the arrangement of DNA molecule is due to diflection of pitch angle of 36° between two successive steps. DNA molecule makes one complete 360° terafter covering a distence of 3.4nm.

Diagram:-



नाव :- प्रणव दि. शिवणकर

Class :- MSW - 2nd year [3rd Sem]

Sub :- Social policy planing and development

प्र.१ भारतातील कुटुंब कल्याण धोरण स्पष्ट करा.

उत्तर :- केंद्र शासनाच्या मार्गदर्शक सूचनांनुसार महाराष्ट्रात लोकसंख्या वाढीच्या नियंत्रणासाठी राष्ट्रीय कुटुंब कल्याण कार्यक्रम राबविला जातो. सहायक अनुदान योजना ही सदर कुटुंब कल्याण कार्यक्रमाचाच एक भाग असून ती योजना सन १९३० मध्ये सुरु झालेली आहे. सदर योजना १०० टक्के केंद्र पुरस्कृत आहे.

लोकसंख्या वाढीवर नियंत्रण व लोकसंख्य स्थिरतेस सहाय्य करणे

केंद्र शासनाच्या पुढे दिलेल्या मार्गदर्शक तत्वानुसार योजनांची अमलबजावणी करण्यात येते.

- लाभार्थीने स्वच्छंदे कुटुंब नियोजन पद्धत स्विकारणे
- समाजाच्या गरजेनुसार सेवा देणे
- जोडप्याला त्यांच्या इच्छेनुसार हवी तेव्हा अपत्य प्राप्ती.

आरोग्य कर्मचाऱ्यामार्फत लाभार्थ्यांचे संपती नियमनाच्या उपलब्ध पद्धतीविषयी निवड करतो. यानंतर केंद्र शासन पसूती पश्चात कुटुंब नियोजन सेवांवर अत्याधिक भर देत आहे.

कुटुंब कल्याण कार्यक्रमांतर्गत लाभार्थ्यांना दयावयाच्या सेवांमध्ये कायमच्या

INDEX

Name : Nikhil Chandrakant Mankar

Std : M.S.W. Div : III[rd] Sem Roll No :

Sub : ~~School~~ / College : New Arts, Commerse Science College, Wardha.

Sr. No.	Date	Title	Remarks	Pg. No.
		- Assignment for Subject Medical Social Work		

प्र. क्र. ३ टिपा लिहा.

१. रुग्णांचे अधिकार :-
खालील प्रकारे रुग्णांचे अधिकार आपण सांगू शकतो.

① आरोग्य सेवा उपलब्धतेचा हक्क :-
जात, वर्ग, लिंग, H.I.V., संसर्ग किंवा अशा इतर कोणत्याही मुद्द्यांवर आधारित भेदभावाशिवाय सर्व रुग्णांना आरोग्य सेवेचा समान लाभ मिळाला पाहिजे.

② तातडीचे उपचार मिळण्याचा हक्क :-
सर्वोच्च न्यायालयाच्या अधिकारानुसार प्रत्येक व्यक्तीला तिची कायदेशीर किंवा आर्थिक स्थिती विचारात न घेता तातडीचे उपचार मिळण्याचा हक्क आहे

③ माहितीचा अधिकार :-
अ) रुग्णांना किंवा त्यांच्या प्रतिनिधींना आजाराची संभाव्य कारणे, प्रस्तावित वैद्यकीय तपासण्या व उपचार, त्यांचा खर्च, होणारे परिणाम व संभाव्य गुंतागुंती तसेच पर्यायी वैद्यकीय उपचार व उपचार न केल्यास होणारे परिणाम याबद्दल सर्व आवश्यक माहिती पुरवणे गरजेचे आहे.

कु. अंचल कैलासराव
चावलीकर
न्यू आर्ट्स, कॉमर्स
अँन्ड सायन्स कॉलेज
वर्धा
एम. एस. डब्ल्यू
III सेम
विषय :- Social Policy
Planning and
Development

X

Assignment - 1.

प्र. ३. भारतातील कुटुंब कल्याण धोरण, स्पष्ट करा ?

⟹ केंद्र शासनाच्या मार्गदर्शक सूचनांनुसार महाराष्ट्रात लोकसंख्या वाढीच्या नियंत्रणासाठी राष्ट्रीय कुटुंब कल्याण कार्यक्रम राबविला जातो. सहाय्यक अनुदान योजना ही सदर कुटुंब कल्याण कार्यक्रमाच्या एक भाग असून ही योजना सन १९६० मध्ये सुरु झाली आहे.

- लाभार्थींना गरजेनुसार सेवा देणे.
- लाभार्थीने स्वच्छेने कुटुंब नियोजन पद्धती स्विकारणे.
- जोडप्याला त्यांच्या इच्छेनुसार हवी तेव्हा अपत्य प्राप्ती.

आरोग्य कार्यक्रमाच्यामार्फत लाभार्थींचे संतती नियमनाच्या उपलब्ध पद्धतीविषयी निवड करणे. सध्या केंद्र शासन, प्रसूती पश्चात कुटुंब नियोजन सेवांवर अत्याधीक भर देत आहे.

लोकसंख्या वाढीवर नियंत्रण आणण्यासाठी राज्यात कुटुंब कल्याण कार्यक्रम राबविण्यात येतो. यासाठी राज्याने दि. ९ मे २००० च्या शासन निर्णयानुसार छोटे कुटुंब या संकल्पनेचा स्विकार केला आहे. 'छोटे' कुटुंब म्हणजे दोन

Page No.
Date :

1) क्र.

New Arts Commerce &
Science College (Wardha)

NAME :- Shweta Gajanan Kale

Subject :- Social policy Planning and devlopment
ग्रामीण समुदाय विकासावरील [illegible]

Class :- MSW III sem

ग्रामीण समुदाय विकासावरील [illegible]

1) भारतीय कुटुंब कल्याण धोरण सांगा.

उत्तर :-

केंद्र शासनाच्या मार्गदर्शक सूचनानुसार महाराष्ट्रात लोकसंख्या वाढीच्या नियंत्रणासाठी राष्ट्रीय कुटुंब कल्याण कार्यक्रम राबविला जातो. महत्त्वाकांक्षी अनुदान योजना ही महत्त्वाचा कुटुंब कल्याण कार्यक्रमाचा एक भाग असून ही योजना सन 1960 मध्ये सुरु झाली आहे. महत्त्वाकांक्षी योजना 100% केंद्र शासन पुरस्कृत आहे.

उद्दिष्टये :-

लोकसंख्या वाढीवर नियंत्रण व लोकसंख्या स्थिरतेस साह्य करणे.

अंमलबजावणी पद्धत :- केंद्र सरकारच्या पुढे दिलेल्या मार्गदर्शक तत्त्वानुसार योजनांची अंमलबजावणी करण्यात येते.

1) लाभार्थीने स्वखुशीने कुटुंब नियोजन पद्धत स्विकारणे.
2) समाजाच्या गरजेनुसार सेवा देणे.
3) जोडप्याला त्यांच्या इच्छेनुसार हवी तेव्हा अपत्य प्राप्ती.

कुटुंब कल्याण कार्यक्रमा अंतर्गत लाभार्थीना दयावयाच्या सेवामध्ये कायमच्या पद्धती व तात्पुरती पद्धती असे दोन प्रकार मोडत. कायमच्या पद्धतीमध्ये

INDEX

Name: Rohan H. Ghume

Class: M.S.W. Sec. SW Subject: Social Policy Planning & Devl.

Sr. No.	Date	TITLE	Pg. No.	Remark
1)		1) भारतातील कुटुंब कल्याण धोरण स्पष्ट करा.		
2)		2) बाल न्याय (काळजी व संरक्षण) कायदा 2006 चे टीकात्मक परिक्षण करा.		
3)		3) टिपा i) सामाजिक विकास ii) हुंडा संकल्पना		

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Date 20/11/2022

नाव :- मृणालीनी दत्तात्रय बुडे.

वर्ग :- MSW - II (sem - III) Year.

विषय :- Social Policy Planning and development.

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Date 20/11/2022

प्र. २१] - बाल न्याय [काळजी व संरक्षण] कायदा २०१६ चे क्रियात्मक परिक्षण करा.

उत्तर →

* बालन्याय अधिनियम [काळजी व संरक्षण] २०१६. हा कायदा मुलांसाठी वय वर्ष 18 खालील बालकांसाठी कि. मुलगा किंवा मुलगी विधि संघर्षग्रस्त बालकांसाठी वय ७ ते 18 वर्षांतील बालक ज्याने गुन्हा केला असे. अभिरक्षण [ठिकाण] आहे.

* काळजी संरक्षणाची गरज असलेल्या बालकांसाठी 0 ते 18 वर्षांतील बालक ज्या बालकांचे पालन पोषण करणार कोणी नाही.

बालन्याय मंडळ. - विधि संघर्षग्रस्त बालकांसाठी जिल्हास्तरावर कार्यालय असते.

* वय ७ ते 18 वर्षा खालील बालक मुलगा किंवा मुलगी ज्याने गुन्हा केला असे शकता आहे. अशा बालकांविषयी योग्य निर्णय घेण्याचे पूर्ण अधिकार हे बाल न्याय मंडळास असते.

* बालन्याय मंडळा मध्ये. - 1. प्रथमवर्गी न्याय दंडाधिकारी व 2 सामाजिक कार्यकर्ते असतात.

Page No.
Date :

Name Shivani Wamanrao Naitam

Collage New arts commerc and Science collage.

Subject- social policy planning and development

Class - M.S.W. III sem

मार्गदर्शक - सौ. चनस्ती वाघ

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१) भारतातील कुटुंब कल्याण होरण स्पष्ट करा

→ केंद्र शासनाच्या मार्गदर्शक सुचनांनुसार महाराष्ट्रात लोकसंख्या वाढीच्या नियंत्रणासाठी राष्ट्रीय कुटुंब कल्याण कार्यक्रम राबविल्या जातो. सहाव्या अनुदान योजना ही सदर कुटुंब कल्याण कार्यक्रमाचा एक भाग असून ती योजना सन 1960 मध्ये सुरू झालेली आहे. सदर योजना 100% केंद्र पुरस्कृत आहे.

लोकसंख्या वाढीवर नियंत्रण व लोकसंख्या स्थिरतेस सहाय्य करणे.

केंद्र शासनाच्या पुढे दिलेल्या मार्गदर्शक तत्त्वानुसार योजनाची अंमलबजावणी करण्यात येते.

* लाभार्थीने स्वच्छेने कुटुंब नियोजन पद्धत स्विकारणे.
* समाजाच्या गरजेनुसार सेवा देणे.
* जोडप्याला त्यांच्या इच्छेनुसार हवी तेव्हा आपली प्राप्ती.

आरोग्य कर्मचारी-यामार्फत लाभार्थीचे संतती नियमनाच्या उपलब्ध पद्धती विषयी निवड करतो. सध्या केंद्र शासन प्रस्तुत कुटुंब नियोजन.

न्यु आर्ट्स कॉमर्स ॲन्ड सायन्स
कॉलेज वर्धा,

नाव :- उमेश प्रमोद वाघमोडे

विषय :- सामाजिक धोरण नियोजन
आणि विकास -

वर्ग :- M.S.W.-II (Sem-III)

प्र-1 भारतातील कुटुंब कल्याण धोरण स्पष्ट करा :-

= केंद्र शासनाच्या सार्वजनिक धोरणानुसार महाराष्ट्रात लोकसंख्या वाढीला नियंत्रणासाठी राष्ट्रीय कुटुंब कल्याण कार्यक्रमाचा एक भाग असून ती योजना सन 1960 मध्ये सुरू करण्यात आली आहे.
सदर योजना 100% टक्के केंद्र पुरस्कृत आहे.
लोकसंख्या वाढीवर नियंत्रण व लोकसंख्या स्थिरीकरण सहाय्यक करणे

केंद्र शासनाच्या पुढे निर्णयाच्या सार्वजनिक धोरणानुसार योजनेची अंमलबजावणी करण्यात आली.

- लाभार्थींनी स्वेच्छेने कुटुंब नियोजन पद्धत स्वीकारणे.
- समाजाच्या गरजेनुसार सेवा देणे
- समाजाच्या लोकांच्या गरजेनुसार देणे लोकांना आपल्या मालकीचा आरोग्य कार्यक्रमाचा भाग असणे

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नाव :- कविल गौतमराव मून,
न्यू आर्ट्स, कॉमर्स अँड
सायन्स कॉलेज वर्धा
M.S.W. 2nd Yr.
तृतीय सत्र

विषय :- शहरी समुदाय विकासावर
परिदृश्य
(Perspectives on Urban Community
Development)

मार्गदर्शक :- प्रा. सिद्धांत ढोके सर

प्र.क्र ① शहरी समुदायाची अर्थ व्याख्या आणि वैशिष्ट्ये सविस्तर स्पष्ट करा ?

उत्तर :- सामाजिक जीवनाच्या संघटनेच्या रूपात गाव आणि शहर या दोन्हीचे स्थान महत्वपूर्ण आहे भारतात शहरी क्षेत्राचा संबंध उपनगर आणि नगर या दोन्हीशी आहे. म्हणून भारतामध्ये शहराला उपनगराला वेगळे सांगण्यासाठी कोणतेही वेगळी अशी सुनिश्चीत व्याख्या नाही. तरीसुद्धा काही लेखांनी शहरी समुदायाची व्याख्या व्यापक प्रमाणे दिलेली आहे.

बर्गेसच्या मते, " त्या वस्तीला नगर म्हणता येईल, जेथील अधिकार निवासी कृषी कार्यव्यतिरिक्त उद्योगामध्ये व्यस्त असतात."

सोमवर्टच्या मते, " नगर एक असे स्थान आहे की, तेथील निवासी परस्पर एक दुसऱ्याला ओळखत नाही."

नागरीय क्षेत्रात मुख्य रूपाने वस्तीच्या त्या समूहाचा समावेश केला जातो, जेथील निवासी मुख्यत: गैरकृषी व्यवसायात सम्मीलीत असतात. म्हणून नागरीय संज्ञेच्या प्रयोग कस्बा, नगर,

नाव बृहदत्त जगनराव पखाले

कॉलेज इंदिरा प्रियदर्शनी न्यु आर्ट कॉमर्स अॅन्ड सायन्स कॉलेज वर्धा

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प्र.१ वैद्यकीय समाजकार्य म्हणजे काय व त्याचा ऐतिहासिक विकास सांगा?

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वैद्यकीय समाजकार्य हा समाजकार्याचा उपविषय आहे. वैद्यकीय सामाजिक कार्यकर्ता रुग्णालय किंवा सुश्रूषागृह येथे काम करतात. ते वैद्यकीय समाजकार्यामध्ये स्नातक किंवा स्नानोत्तर पदवी घेतलेले असतात.

अशा रुग्णांना मदत व त्यांच्या नातेवाईकांना मनोसामाजिक मदत करतात. ज्यांना त्यांची गरज असते भारतीय समाजात प्राचीन काळापासून रुग्णांची मदत आणि सेवा करण्याची पद्धत प्रथा राहीली आहे. प्रत्येक व्यक्तीने एक दुसऱ्याची सेवा करणे आपली जबाबदारी समजात असे. तर पारिवारिक व सामाजिक कार्यकर्ता माणूस केसला दृष्टीकोनाकडून असतात. विद्यालय रुग्णालय इ. च्या माध्यमातून जनसेवा करतांना दिसून येतात. आरोग्य निगास रोग निर्मुलन आणी उपचार क्षेत्रात आणी तंत्रज्ञानाचा उपयोग त्यातून वैद्यकीय समाजकार्य म्हणजे म्हटले जाते.

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subject :- Physics

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