

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- I) Zoology
Paper –II Environmental Biology
Unit Test on unit I & III

Time: 45min

Maximum Marks: 20

N.B: Solve all the questions.

- | | |
|---|---|
| A) Short note on types of rocks. | 5 |
| B) Describe in detail the renewable and non renewable Energy resources. | 5 |
| C) Wildlife Conservation Act 1984 | 5 |
| D) Zoological survey of India | 5 |


Signature of the teacher
Dr . A.D. Bobdey




Head of the Zoology Department
Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- I) Zoology
Paper –II Environmental Biology
Unit Test on unit I & III Date: 27-08-2022
Name of the teacher: Dr. A.D. Bobdey

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	mr	Bhatke	AM	03
2	ku	Bandhukia	AM	15
3	ku	Milwala	AI	13
4	ku	Gautam	AB	14
5	ku	Meshram	AG	11
6	ku	Pusdekar	AS	12
	mr	Badwaik	AS	A
8	ku	Rinayate	BS	11
9	mr	Giri	Ds	10
10	ku	Pande	DB	15
11	ku	Sukare	DB	16
12	ku	Gautre	EM	11
13	mr	Band	HM	09
14	ku	Dakaha	IR	08
15	ku	Kolhatkar	JA	07
16	ku	Bhujade	JD	10
17	ku	Waware	KV	11
18	ku	Jamgade	KC	13
19	ku	Sing	KV	11
20	mr	Somkuwar	KY	10
21	ku	Yadav	KU	14
22	ku	Chaudhary	KS	10
23	mr	Bajait	KA	A
24	ku	Roria	MR	A
25	ku	Yesansure	MS	A
26	ku	Bendre	MS	16
27	ku	Kapoor	NA	14
28	ku	Kusram	NS	14
29	ku	Kshirsagar	PS	15
30	ku	Mohadikar	PJ	16
31	mr	Dhabarde	PR	00
32	ku	Ingale	PK	14
33	ku	Salpekar	RR	15
34	ku	Patil	RC	10
35	ku	Desai	RR	17
36	ku	Bhoyar	SS	16
37	ku	Mirza	SS	17
38	ku	Galande	SD	18
39	ku	Lokhande	SP	16
40	ku	Parteki	SG	14
41	ku	Wankhede	SA	A
42	ku	Bharti	SV	A
43	ku	Sharma	SS	11

44	ku	Alaspure	SS	10
45	ku	Rangari	SS	14
46	ku	Ninawe	SD	15
47	ku	Waghechoure	SP	14
48	ku	Dandekar	SD	13
49	ku	Samual	SA	11
50	ku	Hadke	TR	02
51	ku	Madekar	VP	05
52		Chakole	YG	14
53		Motarwala	ZM	18

CZM

S.No.	ku/mr	Surname	Initial	11
1	Ku	Sondawle	AB	10
2	Ku	More	AP	18
3	Ku	Meshram	AR	10
4	Ku	Kurrewar	AS	19
5	Ku	Ghadge	CA	18
6	Ku	Devikar	DA	15
7	Ku	Jichkar	FY	14
8	Ku	Patel	JC	20
9	Ku	Shrivias	KR	18
10	Ku	Bais	MK	11
11	Ku	Gawande	MC	11
12	Ku	Koche	MW	10
13	Ku	Mahant	MP	15
14	Ku	Lonare	NC	13
15	Ku	Bhalerao	PA	A
16	Ku	Borkar	PS	19
17	Ku	Chouragade	RR	18
18	Ku	Subhedaer	RR	20
19	Ku	Meshram	PS	0
20	Ku	Somkuwar	RR	13
21	Ku	Bangde	RB	13
22	Ku	Gokhale	RP	16
23	Ku	Kitukale	RY	11
24	Ku	Chopkar	SP	0
25	Ku	Pusdekar	SP	18
26	Ku	Mire	SG	10
27	Ku	Tiwari	SS	14
28	Ku	Nandanwar	SS	16
29	Ku	Panekar	JS	16
30	Mr	Thakkar	VV	18
31	Ku	Likhitkar	VV	19
32	Ku	Talmale	YK	14

Signature of the teacher
Dr . A.D. Bobdey



Head of the Zoology Department
Dr. A.D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- I) Zoology
Paper –II Environmental Biology
Unit Test on unit II & IV

Time: 45min

Maximum Marks: 20

N.B: Solve all the questions.

A) Describe Definition and types of ecosystem. 10
OR

Give short detail of energy flow in ecosystem.

B) Describe Green House Effect , Acid Rain, Ozone Depletion 10


Signature of the teacher
Dr. S. G Kadu




Head of the Zoology Department
Dr. A. D. Sobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- I) Zoology
Paper –II Environmental Biology
Unit Test on unit II & IV Date: 14-10-2022
Name of the teacher: Dr. S. G Kadu

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	mr	Bhatke	AM	10
2	ku	Bandhukia	AM	12
3	ku	Milwala	AI	11
4	ku	Gautam	AB	15
5	ku	Meshram	AG	16
6	ku	Pusdekar	AS	14
7	mr	Badwaik	AS	10
8	ku	Rinayate	BS	14
9	mr	Giri	Ds	18
10	ku	Pande	DB	15
11	ku	Sukare	DB	2
12	ku	Gautre	EM	13
13	mr	Band	HM	14
14	ku	Dakaha	IR	10
15	ku	Kolhatkar	JA	09
16	ku	Bhujade	JD	10
17	ku	Waware	KV	A
18	ku	Jamgade	KC	18
19	ku	Sing	KV	19
20	mr	Somkuwar	KY	10
21	ku	Yadav	KU	15
22	ku	Chaudhary	KS	18
23	mr	Bajait	KA	10
24	ku	Roria	MR	10
25	ku	Yesansure	MS	18
26	ku	Bendre	MS	10
27	ku	Kapoor	NA	15
28	ku	Kusram	NS	16
29	ku	Kshirsagar	PS	09
30	ku	Mohadikar	PJ	8
31	mr	Dhabarde	PR	7
32	ku	Ingale	PK	12
33	ku	Salpekar	RR	12
34	ku	Patil	RC	13
35	ku	Desai	RR	15
36	ku	Bhoyar	SS	12
37	ku	Mirza	SS	12
38	ku	Galande	SD	19
39	ku	Lokhande	SP	13
40	ku	Parteki	SG	12
41	ku	Wankhede	SA	13

42	ku	Bharti	SV	12
43	ku	Sharma	SS	12
44	ku	Alaspure	SS	13
45	ku	Rangari	SS	10
46	ku	Ninawe	SD	13
47	ku	Waghchoure	SP	14
48	ku	Dandekar	SD	10
49	ku	Samual	SA	A
50	ku	Hadke	TR	13
51	ku	Madekar	VP	12
52		Chakole	YG	14
53		Motarwala	ZM	14

CZM				
S.No.	ku/mr	Surname	Initial	Marks
1	ku	Sondawle	AB	A
2	ku	More	AP	A
3	ku	Meshram	AR	10
4	ku	Kurrewar	AS	11
5	ku	Ghadge	CA	18
6	ku	Devikar	DA	15
7	ku	Jichkar	FY	14
8	ku	Patel	JC	20
9	ku	Shrivias	KR	18
10	ku	Bais	MK	11
11	ku	Gawande	MC	11
12	ku	Koche	MW	10
13	ku	Mahant	MP	15
14	ku	Lonare	NC	13
15	ku	Bhalerao	PA	A
16	ku	Borkar	PS	19
17	ku	Chouragade	RR	18
18	ku	Subhedaer	RR	20
19	ku	Meshram	PS	0
20	ku	Somkuwar	RR	13
21	ku	Bangde	RB	13
22	ku	Gokhale	RP	16
23	ku	Kitukale	RY	11
24	ku	Chopkar	SP	0
25	ku	Pusdekar	SP	18
26	ku	Mire	SG	10
27	ku	Tiwari	SS	14
28	ku	Nandanwar	SS	16
29	ku	Panekar	JS	16
30	mr	Thakkar	VV	18
31	ku	Likhitkar	VV	19
32	ku	Talmale	YK	14

Signature of the teacher
Dr. S. G Kadu



Head of the Zoology Department
Dr. A. D. Chodrey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- II) Zoology
Paper –II Cell Biology
Unit Test on unit I & II

Time: 45min

Maximum Marks: 20

N.B: Solve all the questions.

- | | |
|---|---|
| A) Structure –Fluid Mosaic model. | 5 |
| B) Describe endo and exocytosis. | 5 |
| C) Describe the structure and function of Lysosome. | 5 |
| D) Electron transport system. | 5 |


Signature of the teacher
Dr. S.G. Kadu




Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- II) Zoology
Paper –II Cell Biology
Result of Unit Test on unit I& II Date: 11/02/2022
Name of the teacher: Dr. S.G. Kadu

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	mr	Bhatke	AM	15
2	ku	Bandhukia	AM	16
3	ku	Milwala	AI	14
4	ku	Gautam	AB	17
5	ku	Meshram	AG	18
6	ku	Pusdekar	AS	14
7	mr	Badwaik	AS	15
8	ku	Rinayate	BS	17
9	mr	Giri	Ds	19
10	ku	Pande	DB	12
11	ku	Sukare	DB	18
12	ku	Gautre	EM	11
13	mr	Band	HM	16
14	ku	Dakaha	IR	16
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23	mr	Bajait	KA	10
24	ku	Roria	MR	10
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51	ku	Madekar	VP	12
52		Chakole	YG	14
53		Motarwala	ZM	14

CZM				
S.No.	ku/mr	Surname	Initial	Marks
1	ku	Sondawle	AB	02
2	ku	More	AP	05
3	ku	Meshram	AR	04
4	ku	Kurrewar	AS	A
5	ku	Ghadge	CA	A
6	ku	Devikar	DA	A
7	ku	Jichkar	FY	11
8	ku	Patel	JC	10
9	ku	Shrivias	KR	1
10	ku	Bais	MK	3
11	ku	Gawande	MC	7
12	ku	Koche	MW	8
13	ku	Mahant	MP	9
14	ku	Lonare	NC	0
15	ku	Bhalerao	PA	5
16	ku	Borkar	PS	7
17	ku	Chouragade	RR	8
18	ku	Subhedaer	RR	3
19	ku	Meshram	PS	0
20	ku	Somkuwar	RR	13
21	ku	Bangde	RB	13
22	ku	Gokhale	RP	16
23	ku	Kitukale	RY	11
24	ku	Chopkar	SP	0
25	ku	Pusdekar	SP	18
26	ku	Mire	SG	10
27	ku	Tiwari	SS	14
28	ku	Nandanwar	SS	16
29	ku	Panekar	JS	16
30	mr.	Thakkar	VV	18
31	ku	Likhitkar	VV	19
32	ku	Talmale	YK	14

Signature of the teacher
Dr. S.G. Kadu



Head of the Zoology Department
Dr. A. D. Sobrey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- II) Zoology
Paper –II Cell Biology
Unit Test on unit III & IV

Time: 45min

Maximum Marks: 20

N.B: Solve all the questions.

- | | |
|--|---|
| A) Draw structure of Lamp brush chromosome. | 5 |
| B) Structure and types of chromosomes | 5 |
| C) Synatonemal Complex | 5 |
| D) Describe Elementary idea of cancer and its causative agents | 5 |



Signature of the teacher
Dr. A.D. Bobdey



Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- II) Zoology
Paper –II Cell Biology
Result of Unit Test on unit III & IV Date: 29-03-22
Name of the teacher: Dr. A.D. Bobdey

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	mr	Bhatke	AM	05
2	ku	Bandhukia	AM	07
3	ku	Milwala	AI	10
4	ku	Gautam	AB	12
5	ku	Meshram	AG	14
6	ku	Pusdekar	AS	A
7	mr	Badwaik	AS	02
8	ku	Rinayate	BS	15
9	mr	Giri	Ds	14
10	ku	Pande	DB	16
11	ku	Sukare	DB	7
12	ku	Gautre	EM	10
13	mr	Band	HM	13
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19	ku	Sing	KV	19
20	mr	Somkuwar	KY	10
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22	ku	Chaudhary	KS	18
23	mr	Bajait	KA	10
24	ku	Roria	MR	10
25	ku	Yesansure	MS	18
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27	ku	Kapoor	NA	15
28	ku	Kusram	NS	16
29	ku	Kshirsagar	PS	19
30	ku	Mohadikar	PJ	19
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33	ku	Salpekar	RR	12
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35	ku	Desai	RR	15
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38	ku	Galande	SD	19
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41	ku	Wankhede	SA	13
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50	ku	Hadke	TR	13
51	ku	Madekar	VP	12
52		Chakole	YG	14
53		Motarwala	ZM	14

CZM				
S.No.	ku/mr	Surname	Initial	Marks
1	ku	Sondawle	AB	A
2	ku	More	AP	A
3	ku	Meshram	AR	10
4	ku	Kurrewar	AS	11
5	ku	Ghadge	CA	2
6	ku	Devikar	DA	3
7	ku	Jichkar	FY	7
8	ku	Patel	JC	12
9	ku	Shrivass	KR	14
10	ku	Bais	MK	16
11	ku	Gawande	MC	14
12	ku	Koche	MW	17
13	ku	Mahant	MP	11
14	ku	Lonare	NC	13
15	ku	Bhalerao	PA	A
16	ku	Borkar	PS	11
17	ku	Chouragade	RR	15
18	ku	Subhedaer	RR	17
19	ku	Meshram	PS	0
20	ku	Somkuwar	RR	13
21	ku	Bangde	RB	13
22	ku	Gokhale	RP	16
23	ku	Kitukale	RY	11
24	ku	Chopkar	SP	0
25	ku	Pusdekar	SP	18
26	ku	Mire	SG	10
27	ku	Tiwari	SS	14
28	ku	Nandanwar	SS	16
29	ku	Panekar	JS	16
30	mr	Thakkar	VV	18
31	ku	Likhitkar	VV	19
32	ku	Talmale	YK	14



Signature of the teacher
Dr. A.D. Bobdey



Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.



Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- III) Zoology
Paper –VI Genetics
Unit Test on unit I &II

Time: 45min

Maximum Marks: 10

N.B: Solve all the questions.

- | | |
|--|---|
| 1) Brief introduction in gene. | 5 |
| 2) Inbreeding and out breeding. | 5 |
| 3) Write in detail Cytoplasmic inheritance with Kappa particle in Paramecium | 5 |
| 4) Write not on genetic disorder in Human being | 5 |



Signature of the teacher
Dr. S.G.Kadu



Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
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Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- III) Zoology
Paper –VI Genetics
Result of Unit Test on unit I Date: 23/09/2021
Name of the teacher: Dr. S. G. Kadu

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Sharma	AA	12
2	Ku	Uikey	AN	14
3	Ku	Giri	AS	16
4	Ku	Jain	AA	17
5	Ku	Chavhan	AR	13
6	Ku	Chakre	AS	18
7	Ku	Khare	AA	17
8	Ku	Ninawe	AD	A
9	Ku	Hedau	AL	A
10	Ku	Waghmare	DR	A
11	Ku	Shivhare	FS	A
12	Ku	Vichore	GD	18
13	Ku	Khope	PP	A
14	Ku	Dhawankar	IU	16
15	Ku	Funne	KG	15
16	Ku	Sonkusre	KN	17
17	Ku	Mishra	KR	18
18	Ku	Khobragade	KL	16
19	Mr	Wankhede	KS	15
20	Ku	Raipure	NB	15
21	Ku	Raut	NI	16
22	Ku	Maraskolhe	PG	15
23	Ku	Mehata	PK	17
24	Ku	Selokar	ND	18
25	Ku	Barik	PV	19
26	Ku	Marape	PP	14
27	Ku	Ucchsare	PC	15
28	Ku	Pandurar	PS	16
29	Ku	Dubey	PN	14
30	Ku	Patankar	PR	14
31	Ku	Chitmitwar	RA	A
32	Ku	Bagde	BK	12
33	Ku	Gautam	SV	13
34	Ku	Kharche	SA	14
35	Ku	Sukheja	PM	12
36	Ku	Bisht	TR	11
37	Ku	Mangte	TP	11
38	Ku	Kubde	TN	A
39	Ku	Kukde	VD	A
40	Ku	Pachpohar	VG	A

41	Mr	Bhatkulkar	AS	12
42	Mr	Parale	AD	14
43	Ku	Singh	RH	13
44	Mr	Meshram	HO	14
45	Mr	Jambhule	RP	7
46	Mr	Gaukar	SL	8
47	Ku	Chhaware	TH	8
48	Ku	Motghare	AA	9

CZM

S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Kakde	AN	12
2	Ku	Bhusari	AS	A
3	Ku	Damedhar	AA	A
4	Ku	Shaikh	AM	12
5	Ku	Nikhare	BN	17
6	Ku	Patil	CS	13
7	Ku	Mankar	DV	12
8	Ku	Dinkaran	D	14
9	Ku	Udan	DH	12
10	Ku	Hatwar	HS	14
11	Ku	Sarve	IS	13
12	Ku	Chelwani	IM	12
13	Ku	Taikar	JG	14
14	Ku	Wadettiwar	JR	15
15	Ku	Korke	M.R.	8
16	Ku	Mishra	MM	9
17	Ku	Kalkotwar	NR	13
18	Ku	Bhusari	PR	12
19	Ku	Tandekar	RM	14
20	Ku	Paikmare	RS	14
21	Ku	Wasnik	RN	17
22	Ku	Chakrapani	RS	16
23	Ku	Joshi	SM	15
24	Ku	Sahu	SS	14
25	Ku	Kolhe	SP	16
26	Ku	Ghodmare	SS	16
27	Ku	Jichkar	SV	17
28	Ku	Dixit	SA	17
29	Ku	Vishwakarma	SV	16
30	Ku	Jahagirdar	TS	16
31	Ku	Mute	TR	17
32	Ku	Rao	TV	15
33	Ku	Bhingre	VH	16
34	Ku	Madavi	YR	15
35	Mr	Waghmare	HR	15
36	Mr	Bodle	PV	15
37	Mr	Nimbhorkar	SS	19

Signature of the teacher
Dr. S.G.Kadu



Head of the Zoology Department
Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- III) Zoology
Paper –VI Genetics
Unit Test on unit III & IV

Time: 45min

Maximum Marks: 10

N.B: Solve all the questions.

- 1) Write note on 10
 - a) Environmental sex determination in *Bonellia*.
 - b) Down Syndrome
- 2) Describe Hardy Weinberg Law equilibrium and its Significance. 10



Signature of the teacher
Dr. S V. Ghonmode



Head of the Zoology Department
Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
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Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- III) Zoology
Paper –VI Genetics
Result of Unit Test on unit III& IV Date: 08/10/2021
Dr. S. V Ghonmode

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Sharma	AA	15
2	Ku	Uikey	AN	10
3	Ku	Giri	AS	8
4	Ku	Jain	AA	17
5	Ku	Chavhan	AR	13
6	Ku	Chakre	AS	18
7	Ku	Khare	AA	17
8	Ku	Ninawe	AD	A
9	Ku	Hedau	AL	A
10	Ku	Waghmare	DR	A
11	ku	Shivhare	FS	A
12	ku	Vichore	GD	18
13	Ku	Khope	PP	A
14	Ku	Dhawankar	IU	16
15	Ku	Funne	KG	15
16	Ku	Sonkusre	KN	17
17	Ku	Mishra	KR	18
18	ku	Khhobragade	KL	16
19	mr	Wankhede	KS	15
20	Ku	Raipure	NB	15
21	ku	Raut	NI	16
22	ku	Maraskolhe	PG	15
23	Ku	Mehata	PK	17
24	Ku	Selokar	ND	18
25	Ku	Barik	PV	19
26	ku	Marape	PP	14
27	ku	Ucchsare	PC	15
28	Ku	Pandurar	PS	16
29	ku	Dubey	PN	14
30	Ku	Patankar	PR	14
31	Ku	Chitmitwar	RA	A
32	Ku	Bagde	BK	12
33	ku	Gautam	SV	13
34	ku	Kharche	SA	14
35	Ku	Sukheja	PM	12
36	ku	Bisht	TR	11
37	ku	Mangte	TP	11
38	ku	Kubde	TN	A
39	ku	Kukde	VD	A
40	ku	Pachpohar	VG	A

41	mr	Bhatkulkar	AS	12
42	mr	Parale	AD	14
43	ku	Singh	RH	13
44	mr	Meshram	HO	14
45	mr	Jambhule	RP	7
46	mr	Gaukar	SL	8
47	ku	Chhaware	TH	8
48	ku	Motghare	AA	9

CZM

S.No.	ku/mr	Surname	Initial	Marks
1	ku	Kakde	AN	12
2	ku	Bhusari	AS	A
3	Ku	Damedhar	AA	A
4	Ku	Shaikh	AM	12
5	ku	Nikhare	BN	17
6	Ku	Patil	CS	13
7	Ku	Mankar	DV	12
8	Ku	Dinkaran	D	14
9	ku	Udan	DH	12
10	Ku	Hatwar	HS	14
11	ku	Sarve	IS	13
12	Ku	Chelwani	IM	12
13	Ku	Taikar	JG	14
14	ku	Wadettiwar	JR	15
15	Ku	Korke	M.R.	8
16	Ku	Mishra	MM	9
17	Ku	Kalkotwar	NR	13
18	Ku	Bhusari	PR	12
19	ku	Tandekar	RM	14
20	Ku	Paikmare	RS	14
21	ku	Wasnik	RN	17
22	Ku	Chakrapani	RS	16
23	Ku	Joshi	SM	15
24	Ku	Sahu	SS	14
25	Ku	Kolhe	SP	16
26	Ku	Ghodmare	SS	16
27	ku	Jichkar	SV	17
28	ku	Dixit	SA	17
29	ku	Vishwakarma	SV	16
30	ku	Jahagirdar	TS	16
31	ku	Mute	TR	17
32	ku	Rao	TV	15
33	ku	Bhingre	VH	16
34	ku	Madavi	YR	15
35	mr	Waghmare	HR	15
36	mr	Bodle	PV	15
37	mr	Nimbhorkar	SS	19

Signature of the teacher
Dr S. V. Ghonmode



Head of the Zoology Department
Professor & Head
Department of Zoology,
Shri Chivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- IV) Zoology
Paper -II Molecular Biology and Immunology
Unit Test on unit I & II

Maximum Marks: 20

Time: 45min

N.B: Solve all the questions.

1. Write DNA as genetic material.

2. Explain Griffiths Experiment

3. Short Notes on

a. Wobble Hypothesis

b. Tryptophan Operon

5

5

5

5

Signature of the teacher
Dr. S. V. Ghonmode



Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- IV) Zoology
Paper –II Molecular biology and immunology
Unit Test on unit I & II Date: 25/02/2022
Name of the teacher: Dr. S. V. Ghonmode

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Sharma	AA	15
2	Ku	Uikey	AN	10
3	Ku	Giri	AS	8
4	Ku	Jain	AA	17
5	Ku	Chavhan	AR	13
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9	Ku	Hedau	AL	A
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33	ku	Gautam	SV	13
34	ku	Kharche	SA	14
35	Ku	Sukheja	PM	12
36	ku	Bisht	TR	11
37	ku	Mangte	TP	11
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39	ku	Kukde	VD	A
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41	mr	Bhatkulkar	AS	12
42	mr	Parale	AD	14
43	ku	Singh	RH	13
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45	mr	Jambhule	RP	7
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48	ku	Motghare	AA	9

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6	Ku	Patil	CS	13
7	Ku	Mankar	DV	12
8	Ku	Dinkaran	D	14
9	ku	Udan	DH	12
10	Ku	Hatwar	HS	14
11	ku	Sarve	IS	13
12	Ku	Chelwani	IM	12
13	Ku	Taikar	JG	14
14	ku	Wadettiwar	JR	15
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18	Ku	Bhusari	PR	12
19	ku	Tandekar	RM	14
20	Ku	Paikmare	RS	14
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22	Ku	Chakrapani	RS	16
23	Ku	Joshi	SM	15
24	Ku	Sahu	SS	14
25	Ku	Kolhe	SP	16
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32	ku	Rao	TV	15
33	ku	Bhingre	VH	16
34	ku	Madavi	YR	15
35	mr	Waghmare	HR	15
36	mr	Bodle	PV	15
37	mr	Nimbhorkar	SS	19

Signature of the teacher
Dr. S. V. Ghonmode



Head of the Zoology Department
Professor G. Hand
Department of Zoology,
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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- IV) Zoology
Paper –II Molecular biology and immunology
Unit Test on unit III& IV

Time: 45min

Maximum Marks: 20

N.B: Solve all the questions. (Each 5 marks)

Short Answer Question.

1. Antigen Antibody reaction. 5
2. Innate and Adaptive Immunity. 5
3. Explain classical pathway. 5
4. Describe action mechanism of cytokines. 5



Signature of the teacher
Dr. A.D. Bobdey



Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagpur, Nagpur

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- IV) Zoology
Paper –II Molecular Biology and Immunology
Result of Unit Test on unit III& IV Date: 09/03/2022
Name of the teacher: Dr. A.D. Bobdey

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Sharma	AA	15
2	Ku	Uikey	AN	10
3	Ku	Giri	AS	8
4	Ku	Jain	AA	17
5	Ku	Chavhan	AR	13
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31	Ku	Chitmitwar	RA	A
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38	ku	Kubde	TN	A
39	ku	Kukde	VD	A
40	ku	Pachpohar	VG	A

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47	ku	Chhaware	TH	8
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6	Ku	Patil	CS	13
7	Ku	Mankar	DV	12
8	Ku	Dinkaran	D	14
9	ku	Udan	DH	12
10	Ku	Hatwar	HS	14
11	ku	Sarve	IS	13
12	Ku	Chelwani	IM	12
13	Ku	Taikar	JG	14
14	ku	Wadettiwar	JR	15
15	Ku	Korke	M.R.	8
16	Ku	Mishra	MM	9
17	Ku	Kalkotwar	NR	13
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24	Ku	Sahu	SS	14
25	Ku	Kolhe	SP	16
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28	ku	Dixit	SA	17
29	ku	Vishwakarma	SV	16
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31	ku	Mute	TR	17
32	ku	Rao	TV	15
33	ku	Bhingre	VH	16
34	ku	Madavi	YR	15
35	mr	Waghmare	HR	15
36	mr	Bodle	PV	15
37	mr	Nimbhorkar	SS	19

Signature of the teacher
Dr. A.D.Bobdey



Head of the Zoology Department
Dr. A.D.Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.) (Semester- V) Zoology
Paper –XI Applied Zoology II
Unit Test on unit III

Time: 45min

Maximum Marks: 20

N.B: Solve all the questions.

1. Explain HCN mode of action with merits and demerits. 5
2. Explain life cycle of cotton boll worm *Earias vitella* 5
3. Explain cocoon processing for silk fabric of non mulberry silkworm. 5
4. Short note on Honeybee product and its importance 5


Signature of the teacher

Dr. S. G. Kadu



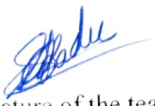

Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.) (Semester- VI) Zoology
Paper –XI Applied Zoology II
Unit Test on unit III Date: 18/09/2021
Name of the teacher: Dr. S. G. Kadu

CBZ				
S. No.	ku/mr	Surname	Initial	MARKS
1	ku	Bhange	PM	A
2	ku	Bhoyar	PM	15
3	ku	Bhude	DS	19
4	ku	Bokde	MS	A
5	ku	Bulkunde	SS	A
6	ku	Chaturvedi	AN	10
7	ku	Chopde	NR	11
8	ku	Chulpar	DT	9
9	mr	Dahiwalde	VS	15
10	mr	Deshbhratar	PA	14
11	ku	Dhabre	SK	15
12	ku	Dhobe	LA	15
13	ku	Fadnavis	MM	12
14	mr	Gajbe	MK	11
15	ku	Jadhao	RT	a
16	ku	Jagtap	VA	15
17	ku	Kandrikar	RT	11
18	ku	Kataria	KA	A
19	mr	Mandal	GU	13
20	ku	Lakudkar	RD	17
21	mr	Lilhare	SG	18
22	ku	Mahant	PA	13
23	ku	Manwatkar	ND	11
24	ku	Mase	SS	18
25	ku	Mohite	SS	14
26	mr	Pillewan	TH	15
27	ku	Prabha	KS	12
28	ku	Raghatathe	DD	11
29	ku	Rao B.	SB	10
30	ku	Shahare	LS	13
31	mr	Sheikh	ZI	14
32	mr	Shinde	MW	13
33	mr	Tiwari	RR	14
34	ku	Tijare	VR	17
35	ku	Wasnik	MR	A
36	ku	Raghorte	SD	14
37	mr	Gour	AL	18

38	ku	Gawande	KP	A
39	ku	Tiwari	SY	17
40	mr	Thakare	TN	15
41	mr	kolhe	RV	14
42	ku	Ade	VA	14
43	ku	fulkar		10
S.No.	ku/mr	Surname	Initial	Marks
1	ku	Angal	MM	15
2	ku	Sukhadeve	MA	17
3	ku	Dhodre	SK	19
4	ku	Bhagat	MS	18
5	mr	Bodkhe	PA	15
6	ku	Chachire	AA	14
7	ku	Dhakne	AM	12
8	ku	Dharmadhikari	SS	13
9	ku	Hinge	SA	15
10	ku	Dubey	KP	13
11	ku	Dudhagawli	SR	17
12	mr	Gawande	AK	17
13	ku	Gorle	SV	15
14	mr	Hinge	YA	15
15	ku	Juwar	KB	A
16	ku	Kale	PP	15
17	ku	Khan	SS	19
18	ku	Pandey	SS	19
19	mr	Pandel	YB	12
20	mr	Patil	YR	A
21	mr	Patle	JD	17
22	ku	Punjabi	RY	10
23	ku	Ramteke	RR	15
24	ku	Salame	VD	15
25	ku	Satpute	SK	16
26	ku	Sheikh	AH	A
27	ku	Paware	RR	15
28	ku	Tekam	PM	17


 Signature of the teacher
 Dr. S. G. Kadu




 Head of the Zoology Department
 Dr. A. D. Bobdey
 Professor & Head
 Department of Zoology,
 Shri Gyanji Science College,
 Nagar, Nagpur

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- VI) Zoology
Paper –XII Applied Zoology II
Unit Test on unit I & II

Time: 45min

Maximum

Marks: 20

N.B: Solve all the questions. (Each 5 Marks)

- | | |
|---|---|
| 1) Write Concept of Sterilization using two type of method. | 5 |
| 2) Write ion exchange principal and applications | 5 |
| 3) Causes and remedies in Section Cutting | 5 |
| 4) Double staining method with haemotoxin | 5 |


Signature of the teacher

Dr. S. G. Kadu




Head of the Zoology Department
Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Nagar, Nagpur

42	ku	Ade	VA	14
43	ku	fulkar		10
44	mr	Zade	AR	20

CZM				
S.No.	ku/mr	Surname	Initial	Marks
1	ku	Angal	MM	17
2	ku	Sukhadeve	MA	A
3	ku	Dhodre	SK	20
4	ku	Bhagat	MS	18
5	mr	Bodkhe	PA	16
6	ku	Chachire	AA	A
7	ku	Dhakne	AM	12
8	ku	Dharmadhikari	SS	17
9	ku	Hinge	SA	12
0	ku	Dubey	KP	13
11	ku	Dudhagawli	SR	17
12	mr	Gawande	AK	17
13	ku	Gorle	SV	15
14	mr	Hinge	YA	12
15	ku	Juwar	KB	11
16	ku	Kale	PP	10
17	ku	Khan	SS	14
18	ku	Pandey	SS	15
19	mr	Pandel	YB	13
20	mr	Patil	YR	14
21	mr	Patle	JD	11
22	ku	Punjabi	RY	10
23	ku	Ramteke	RR	08
924	ku	Salame	VD	09
25	ku	Satpute	SK	11
26	ku	Sheikh	AH	10
27	ku	Paware	RR	07
28	ku	Tekam	PM	08

Head of the Zoology Department


Signature of the teacher

Dr. S. G. Kadu

Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
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Shri Saijaji Science College,
Nagar, Nagpur



Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- VI) Zoology
Paper –XII Applied Zoology II
Unit Test on unit III & IV

Time: 45min

Maximum Marks: 20

N.B: Solve all the questions. (Each 5Marks)

- 1) Write about vaccine production.
- 2) Note on DNA manipulation enzymes
- 3) Define bioinformatics. Write importance and role of bioinformatics in Life science.
- 4) Define Biostatistics. Explain the term Standard deviation, probability.


Signature of the teacher

Dr. A. D. Bobdey




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Shri Shivaji Education Society Amravati's
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Department of Zoology
Academic Session 2021-22
Bachelor of Science (B.Sc.) (Semester- VI) Zoology
Paper -XII Applied Zoology II
Unit Test on unit IV Date: 22/03/2022
Name of the teacher: Dr. A. D. Bobdey

CBZ				
S. No.	ku/mr	Surname	Initial	MARKS
1	ku	Bhange	PM	A
2	ku	Bhoyar	PM	15
3	ku	Bhude	DS	19
4	ku	Bokde	MS	A
5	ku	Bulkunde	SS	A
6	ku	Chaturvedi	AN	10
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8	ku	Chulpar	DT	9
9	mr	Dahiwal	VS	15
10	mr	Deshbhatar	PA	14
11	ku	Dhabre	SK	15
12	ku	Dhobe	LA	15
13	ku	Fadnavis	MM	12
14	mr	Gajbe	MK	11
15	ku	Jadhao	RT	a
16	ku	Jagtap	VA	15
17	ku	Kandrikar	RT	11
18	ku	Kataria	KA	A
19	mr	Mandal	GU	13
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21	mr	Lilhare	SG	18
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25	ku	Mohite	SS	14
26	mr	Pillewan	TH	15
27	ku	Prabha	KS	12
28	ku	Raghatathe	DD	11
29	ku	Rao B.	SB	10
30	ku	Shahare	LS	13
31	mr	Sheikh	ZI	14
32	mr	Shinde	MW	13
33	mr	Tiwari	RR	14
34	ku	Tijare	VR	17
35	ku	Wasnik	MR	A
36	ku	Raghorde	SD	14
37	mr	Gour	AL	18
38	ku	Gawande	KP	A
39	ku	Tiwari	SY	17
40	mr	Thakare	TN	15
41	mr	kolhe	RV	14

42	ku	Ade	VA	14
43	ku	fulkar		10
44	mr	Zade	AR	20

CZM				
S.No.	ku/mr	Surname	Initial	Marks
1	ku	Angal	MM	3
2	ku	Sukhadeve	MA	8
3	ku	Dhodre	SK	4
4	ku	Bhagat	MS	9
5	mr	Bodkhe	PA	11
6	ku	Chachire	AA	12
7	ku	Dhakne	AM	A
8	ku	Dharmadhikari	SS	13
9	ku	Hinge	SA	15
0	ku	Dubey	KP	01
11	ku	Dudhagawli	SR	12
12	mr	Gawande	AK	9
13	ku	Gorle	SV	15
14	mr	Hinge	YA	15
15	ku	Juwar	KB	A
16	ku	Kale	PP	15
17	ku	Khan	SS	19
18	ku	Pandey	SS	19
19	mr	Pandel	YB	12
20	mr	Patil	YR	A
21	mr	Patle	JD	17
22	ku	Punjabi	RY	10
23	ku	Ramteke	RR	15
24	ku	Salame	VD	15
25	ku	Satpute	SK	16
26	ku	Sheikh	AH	A
27	ku	Paware	RR	15
28	ku	Tekam	PM	17

Dr. A. D. Bobdey

Signature of the teacher

Dr. A. D. Bobdey



Dr. A. D. Bobdey

Head of the Zoology Department

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Shri Chivaji Science College,
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