

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

Time: 45min

Maximum Marks: 20

N.B: Solve all the questions.

- | | |
|--|----|
| A) Describe Definition and types of ecosystem. | 10 |
| B) Wildlife conservation act 1984. | 5 |
| C) Zoological survey of India. | 5 |



Signature of the teacher
Name of the teacher: A.D. Bobdey



Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology
Shri Shivaji Science College,
Congress Nagar, Nagpur - 440012.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.) (Semester- I) Zoology
Paper –II Environmental Biology
Unit Test on unit II &III Date: 14-10-2022
Name of the teacher: Dr. A. D. Bobdey

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
15	ku	Kolhatkar	JA	14
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	19
30	ku	Mohadikar	PJ	19
31	mr	Dhabarde	PR	19
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	01
2	ku	More	AP	11
3	ku	Meshram	AR	10
4	ku	Kurrewar	AS	18
5	ku	Ghadge	CA	11
6	ku	Devikar	DA	10
7	ku	Jichkar	FY	14
8	ku	Patel	JC	13
9	ku	Shrivias	KR	11
10	ku	Bais	MK	09
11	ku	Gawande	MC	08
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	Likhitar	VV	19
32	ku	Talmale	YK	14

Dr. A. D. Bobdey

Signature of the teacher
Dr.A.D. Bobdey



Dr. A. D. Bobdey

Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-462012.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
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) Ultrastructure of Eukaryote in detail. 10
- B) Describe Oxidative phosphorylation along with Krebs cycle 10



Signature of the teacher
Dr.S. G. kadu



Head of the Zoology Department

Dr. S. G. kadu
Head of the Zoology Department
Science College, Congress Nagar, Nagpur-461002

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.) (Semester- II) Zoology
Paper - II Cell Biology
Unit Test on unit I&II Date:16-02-2023
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
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23	mr	Bajait	KA	10
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27	ku	Kapoor	NA	15
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45	ku	Rangari	SS	10
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1	ku	Sondawle	AB	A
2	ku	More	AP	A
3	ku	Meshram	AR	10
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5	ku	Ghadge	CA	18
6	ku	Devikar	DA	15
7	ku	Jichkar	FY	14
8	ku	Patel	JC	20
9	ku	Shrivas	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
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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]

Signature of the teacher
Dr.S. G. kadu



[Signature]

Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-46.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
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) Explain the structure and function of nucleolus. 10
- B) Describe Elementary idea of cancer and its causative agents. 10

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,
Congress Nagar, Nagpur-42.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.) (Semester- II) Zoology
Paper - II Cell Biology

Unit Test on unit III&IV Date: 16-03-2023

Name of the teacher: Dr. A.D. Bobdey

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
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4	ku	Kurrewar	AS	13
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

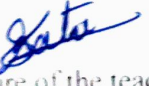
Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shivaji Science College,
Congress Nagar, Nagpur-42.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.)(Semester- III)Zoology
Paper – VI Genetics
Unit Test on unit I & IV
Maximum Marks: 20

Time:45min

N.B: Solve all the questions.

- 1) Describe different principals of Mendelian Law. 10
- 2) Explain Extracellular Genome presence and function of Mitochondrial DNA. 10


Signature of the teacher
Dr. S. K. Katre




Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Education Society Amravati's Science College,
Congress Nagar, Nagpur-42

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.)(Semester- III)Zoology
Paper – VI Genetics
Unit Test on unit I&IV Date: 25/08/2022
Name of the teacher: Dr. S. K. Katre

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	KU	Alaspure	S. S	12
2	Mr	Badwaik	A. S	14
3	Mr	Bajait	K. A	9
4	Mr	Band	H. M	7
5	Ku	Bandukia	A. M	11
6	Ku	Bangde	R. B	12
7	Mr	Batke	A. M	13
8	Ku	Bhendre	M. S	14
9	Ku	Bharti	S. V	12
10	Mr	Bhoyar	S. S	11
11	Ku	Bhujade	J. D	10
12	Ku	Borkar	P. S	15
13	Mr	Chakhole	Y. G	16
14	Ku	Choudhary	K. S	14
15	Ku	Dakaha	I. A	12
16	Ku	Desai	R. R	17
17	Mr	Dhabarde	P.R	A
18	Ku	Gautam	A.B	A
19	Ku	Gautre	E.M	11
20	Mr	Giri	D.S	18
21	Ku	Hadke	T.R	14
22	Ku	Ingale	P.K	15
23	Ku	Kapoor	N.A	16
24	Ku	Kolhatkar	I.A	12
25	Ku	Kshirsagar	P.S	14
26	Ku	Kusram	N.S	13
27	Ku	Lokhande	S.P	12
28	Ku	Madekar	V.P	15
29	KU	Milwala	A.M	18
30	Ku	Mirza	S.S	18
31	Ku	Mohadikar	P.J	17
32	Ku	Motarwala	Z.M	19
33	Ku	Ninawe	S.D	14
34	Ku	Pandey	D.B	16
35	Ku	Patil	R.C	11
36	Ku	Pusdekar	A.S	14
37	Ku	Rangari	S.S	10
38	Ku	Rinayate	B.S	13
39	Ku	Roria	M.R	12
40	Ku	Singh	K.V	18
41	Ku	Somkuwar	K.Y	16

42	Ku	Sukare	D.B	12
43	Ku	Waghchoure	S.P	17
44	Ku	Wankhede	S.A	12
45	Mr	Yadav	K.U	16
46	Ku	Yesansure	M.S	14

CZM				
S.No.	ku/mr	Surname	Initial	Marks
1	KU	Bais	M. K	13
2	Mr	Chauragade	P. R	14
3	Ku	Devikar	D. A	16
4	Ku	Gawande	M. C	18
5	Ku	Ghadge	Head of the	Zoology Department
6	Ku	Gokhale	R. P	16
7	Ku	Jamgade	K. C	14
8	Ku	Jichkar	F. Y	19
9	Ku	Kitukale	R. V	12
10	Ku	Koche	M. W	18
11	Ku	kurrewar	A. S	18
12	Ku	Lihitkar	V. S	15
13	Ku	Lonare	N. C	14
14	Ku	Mahant	M.P	16
15	Ku	Meshram	A. G	A
16	Ku	Meshram	A.R	A
17	Ku	Mire	S. G	A
18	Ku	Nandanwar	S.S	A
19	Ku	Panekar	T.S	13
20	Ku	Patel	J.C	18
21	Ku	Salpekar	R. R	17
22	Ku	Shrivass	K. R	18
23	Ku	Somkuwar	R. R	19
24	Ku	Subhedar	P. A	14
25	Ku	Talmale	Y. K	15
26	Mr	Thakkar	V. V	16
27	Ku	Tiwari	S. S	17

Signature of the teacher
Dr. S. K. Katre



Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagaur-12.

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

Time:45min

Maximum Marks: 20

N.B: Solve all the questions.

1. Write in detail Cytoplasmic inheritance with Kappa particle in Paramecium 10
2. Write note on 10
 - a) Environmental sex determination in *Bonellia*.
 - b) Turner Syndrome



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,
Congress Nagar, Nagpur-42.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.) (Semester- III) Zoology
Paper - VI Genetics
Unit Test on unit II & III Date: 12/09/ 2022
Name of the teacher: Dr. S.V.Ghonmode

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Alaspure	S. S	13
2	Mr	Badwaik	A. S	14
3	Mr	Bajait	K. A	A
4	Mr	Band	H. M	A
5	Ku	Bandukia	A. M	A
6	Ku	Bangde	R. B	11
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9	Ku	Bharti	S. V	16
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12	Ku	Borkar	P. S	13
13	Mr	Chakhole	Y. G	14
14	Ku	Choudhary	K. S	13
15	Ku	Dakaha	I. A	10
16	Ku	Desai	R. R	10
17	Mr	Dhabarde	P.R	A
18	Ku	Gautam	A.B	12
19	Ku	Gautre	E.M	13
20	Mr	Giri	D.S	17
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22	Ku	Ingale	P.K	14
23	Ku	Kapoor	N.A	11
24	Ku	Kolhatkar	I.A	11
25	Ku	Kshirsagar	P.S	13
26	Ku	Kusram	N.S	14
27	Ku	Lokhande	S.P	15
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29	Ku	Milwala	A.M	17
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31	Ku	Mohadikar	P.J	11
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34	Ku	Pandey	D.B	11
35	Ku	Patil	R.C	10
36	Ku	Pusdekar	A.S	15
37	Ku	Rangari	S.S	13
38	Ku	Rinayate	B.S	13
39	Ku	Roria	M.R	18
40	Ku	Singh	K.V	19

41	Ku	Somkuwar	K.Y	16
42	Ku	Sukare	D.B	17
43	Ku	Waghchoure	S.P	15
44	Ku	Wankhede	S.A	16
45	Mr	Yadav	K.U	14
46	Ku	Yesansure	M.S	13

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5	Ku	Ghadge	C. A	8
6	Ku	Gokhale	R. P	10
7	Ku	Jamgade	K. C	A
8	Ku	Jichkar	F. Y	16
9	Ku	Kitukale	R. V	A
10	Ku	Koche	M. W	16
11	Ku	kurrewar	A. S	18
12	Ku	Lihitkar	V. S	A
13	Ku	Lonare	N. C	17
14	Ku	Mahant	M.P	8
15	Ku	Meshram	A. G	17
16	Ku	Meshram	A.R	14
17	Ku	Mire	S. G	14
18	Ku	Nandanwar	S.S	14
19	Ku	Panekar	T.S	16
20	Ku	Patel	J.C	18
21	Ku	Salpekar	R. R	15
22	Ku	Shrivias	K. R	A
23	Ku	Somkuwar	R. R	19
24	Ku	Subhedar	P. A	18
25	Ku	Talmale	Y. K	17
26	Mr	Thakkar	V. V	A
27	Ku	Tiwari	S. S	15



Signature of the teacher
Dr. S. V. Ghonmode





Head of the Zoology Department

Dr. A. D. Bobde
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-42.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.)(Semester- IV)Zoology
Paper –IIMolecular biology and immunology
Unit Test on unit I & II

Time:45min

Maximum Marks: 20

N.B: Solve all the questions.

1. Write DNA as genetic material. 5
2. Give Prokaryotic and Eukaryotic Differences 5
3. Explain Translation 5
4. Describe tryptophan operon. 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,
Congress Nagar, Nagpur-12.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
Bachelor of Science (B.Sc.)(Semester- IV)Zoology
Paper - II Molecular biology and immunology
Result of Unit Test on unit I & II Date: 09/02/2023
Name of the teacher: Dr. S. V. Ghonmode

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Alaspure	S. S	13
2	Mr	Badwaik	A. S	A
3	Mr	Bajait	K. A	A
4	Mr	Band	H. M	A
5	Ku	Bandukia	A. M	10
6	Ku	Bangde	R. B	14
7	Mr	Batke	A. M	12
8	Ku	Bhendre	M. S	12
9	Ku	Bharti	S. V	10
10	Mr	Bhoyar	S. S	14
11	Ku	Bhujade	J. D	13
12	Ku	Borkar	P. S	11
13	Mr	Chakhole	Y. G	18
14	Ku	Choudhary	K. S	17
15	Ku	Dakaha	I. A	16
16	Ku	Desai	R. R	13
17	Mr	Dhabarde	P.R	10
18	Ku	Gautam	A.B	11
19	Ku	Gautre	E.M	16
20	Mr	Giri	D.S	17
21	Ku	Hadke	T.R	14
22	Ku	Ingale	P.K	16
23	Ku	Kapoor	N.A	14
24	Ku	Kolhatkar	I.A	12
25	Ku	Kshirsagar	P.S	12
26	Ku	Kusram	N.S	14
27	Ku	Lokhande	S.P	15
28	Ku	Madekar	V.P	15
29	KU	Milwala	A.M	17
30	Ku	Mirza	S.S	19
31	Ku	Mohadikar	P.J	14
32	Ku	Motarwala	Z.M	17
33	Ku	Ninawe	S.D	13
34	Ku	Pandey	D.B	14
35	Ku	Patil	R.C	15
36	Ku	Pusdekar	A.S	12
37	Ku	Rangari	S.S	14
38	Ku	Rinayate	B.S	15

39	Ku	Roria	M.R	14
40	Ku	Singh	K.V	12
41	Ku	Somkuwar	K.Y	12
42	Ku	Sukare	D.B	11
43	Ku	Waghchoure	S.P	12
44	Ku	Wankhede	S.A	11
45	Mr	Yadav	K.U	11
13	Ku	Yesansure	M.S	13

CZM

S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Bais	M. K	12
2	Mr	Chauragade	P. R	14
3	Ku	Devikar	D. A	15
4	Ku	Gawande	M. C	12
5	Ku	Ghadge	C. A	14
6	Ku	Gokhale	R. P	12
7	Ku	Jamgade	K. C	14
8	Ku	Jichkar	F. Y	15
9	Ku	Kitukale	R. V	3
10	Ku	Koche	M. W	14
11	Ku	kurrewar	A. S	15
12	Ku	Lihitkar	V. S	16
13	Ku	Lonare	N. C	17
14	Ku	Mahant	M.P	18
15	Ku	Meshram	A. G	15
16	Ku	Meshram	A.R	14
17	Ku	Mire	S. G	12
18	Ku	Nandanwar	S.S	12
19	Ku	Panekar	T.S	13
20	Ku	Patel	J.C	19
21	Ku	Salpekar	R. R	18
22	Ku	Shrivias	K. R	17
23	Ku	Somkuwar	R. R	18
24	Ku	Subhedar	P. A	19
25	Ku	Talmale	Y. K	14
26	Mr	Thakkar	V. V	11
27	Ku	Tiwari	S. S	18

Head of the Zoology Department

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,
Congress Nagar, Nagpur-12.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Zoology
Academic Session 2022-23
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.

- | | |
|---|----|
| A) Write note on innate and acquired immunity. | 5 |
| B) Give note on diversity and types of antigen. | 5 |
| C) Define AIDS and explain AIDS and other immunodeficiency. | 10 |



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,
Congress Nagar, Nagpur-12.

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur

Department of Zoology

Academic Session 2022-23

Bachelor of Science (B.Sc.) (Semester- IV) Zoology

Paper –II Molecular biology and immunology

Result of Unit Test on unit III & IV Date: 13/03/2023

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	KU	Alaspure	S. S	12
2	Mr	Badwaik	A. S	14
3	Mr	Bajait	K. A	9
4	Mr	Band	H. M	7
5	Ku	Bandukia	A. M	11
6	Ku	Bangde	R. B	12
7	Mr	Batke	A. M	13
8	Ku	Bhendre	M. S	14
9	Ku	Bharti	S. V	12
10	Mr	Bhoyar	S. S	11
11	Ku	Bhujade	J. D	10
12	Ku	Borkar	P. S	15
13	Mr	Chakhole	Y. G	16
14	Ku	Choudhary	K. S	14
15	Ku	Dakaha	I. A	12
16	Ku	Desai	R. R	17
17	Mr	Dhabarde	P.R	A
18	Ku	Gautam	A.B	A
19	Ku	Gautre	E.M	11
20	Mr	Giri	D.S	18
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22	Ku	Ingale	P.K	15
23	Ku	Kapoor	N.A	16
24	Ku	Kolhatkar	I.A	12
25	Ku	Kshirsagar	P.S	14
26	Ku	Kusram	N.S	13
27	Ku	Lokhande	S.P	12
28	Ku	Madekar	V.P	15
29	KU	Milwala	A.M	18
30	Ku	Mirza	S.S	18
31	Ku	Mohadikar	P.J	17
32	Ku	Motarwala	Z.M	19
33	Ku	Ninawe	S.D	14
34	Ku	Pandey	D.B	16
35	Ku	Patil	R.C	11
36	Ku	Pusdekar	A.S	14
37	Ku	Rangari	S.S	10
38	Ku	Rinayate	B.S	13
39	Ku	Roria	M.R	12

40	Ku	Singh	K.V	18
41	Ku	Somkuwar	K.Y	16
42	Ku	Sukare	D.B	12
43	Ku	Waghchoure	S.P	17
44	Ku	Wankhede	S.A	12
45	Mr	Yadav	K.U	16
46	Ku	Yesansure	M.S	14

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S.No.	ku/mr	Surname	Initial	Marks
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4	Ku	Gawande	M. C	18
5	Ku	Ghadge	C. A	17
6	Ku	Gokhale	R. P	16
7	Ku	Jamgade	K. C	14
8	Ku	Jichkar	F. Y	19
9	Ku	Kitukale	R. V	12
10	Ku	Koche	M. W	18
11	Ku	kurrewar	A. S	18
12	Ku	Lihitkar	V. S	15
13	Ku	Lonare	N. C	14
14	Ku	Mahant	M.P	16
15	Ku	Meshram	A. G	A
16	Ku	Meshram	A.R	A
17	Ku	Mire	S. G	A
18	Ku	Nandanwar	S.S	A
19	Ku	Panekar	T.S	13
20	Ku	Patel	J.C	18
21	Ku	Salpekar	R. R	17
22	Ku	Shrivias	K. R	18
23	Ku	Somkuwar	R. R	19
24	Ku	Subhedar	P. A	14
25	Ku	Talmale	Y. K	15
26	Mr	Thakkar	V. V	16
27	Ku	Tiwari	S. S	17

Ok

Signature of the teacher
Dr. A. D. Bobdey



Ok

Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology
Shri Shivaji Science College
Congress Nagar, Nagpur-42

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 –XApplied Zoology I
Unit Test on unit I & II

Time:45min

Maximum Marks: 20

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

1. Give in detail pre stocking and post stocking of ponds. 5
2. Explain Breeding of fishes by induced breeding by hypophysetion. 5
3. Short note on breeding of aquarium fishes. 5
4. Explain life cycle of stable fly. 5

Rupali

Signature of the teacher
Dr. R.P. Bhgaat



Dr. A. D. Bobdey

Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-12.

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 - X Applied Zoology I
Unit Test on unit I&II Date: 29/08/2022
Name of the teacher: Dr.R. P. Bhagat

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Sharma	AA	12
2	Ku	Uikey	AN	14
3	Ku	Giri	AS	11
4	Ku	Jain	AA	10
5	Ku	Chavhan	AR	A
6	Ku	Chakre	AS	12
7	Ku	Khare	AA	10
8	Ku	Ninawe	AD	A
9	Ku	Hedau	AL	10
10	Ku	Waghmare	DR	A
11	ku	Shivhare	FS	15
12	ku	Vichore	GD	14
13	Ku	Khope	PP	12
14	Ku	Dhawankar	IU	10
15	Ku	Funne	KG	11
16	Ku	Sonkusre	KN	09
17	Ku	Mishra	KR	08
18	ku	Khobragade	KL	10
19	mr	Wankhede	KS	11
20	Ku	Raipure	NB	15
21	ku	Raut	NI	16
22	ku	Maraskolhe	PG	15
23	Ku	Mehata	PK	11
24	Ku	Selokar	ND	13
25	Ku	Barik	PV	4
26	ku	Marape	PP	02
27	ku	Uchhare	PC	3
28	Ku	Pandurar	PS	04
29	ku	Dubey	PN	16
30	Ku	Patankar	PR	17
31	Ku	Chitmitwar	RA	15
32	Ku	Bagde	BK	14
33	ku	Gautam	SV	12
34	ku	Kharche	SA	11
35	Ku	Sukheja	PM	15
36	ku	Bisht	TR	11
37	ku	Mangte	TP	10
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	03
2	ku	Bhusari	AS	18
3	Ku	Damedhar	AA	06
4	Ku	Shaikh	AM	07
5	ku	Nikhare	BN	10
6	Ku	Patil	CS	09
7	Ku	Mankar	DV	12
8	Ku	Dinkaran	D	12
9	ku	Udan	DH	11
10	Ku	Hatwar	HS	10
11	ku	Sarve	IS	14
12	Ku	Chelwani	IM	A
13	Ku	Taikar	JG	03
14	ku	Wadettiwar	JR	04
15	Ku	Korke	M.R.	14
16	Ku	Mishra	MM	10
17	Ku	Kalkotwar	NR	12
18	Ku	Bhusari	PR	11
19	ku	Tandekar	RM	14
20	Ku	Paikmare	RS	12
21	ku	Wasnik	RN	A
22	Ku	Chakrapani	RS	A
23	Ku	Joshi	SM	A
24	Ku	Sahu	SS	10
25	Ku	Kolhe	SP	14
26	Ku	Ghodmare	SS	10
27	ku	Jichkar	SV	10
28	ku	Dixit	SA	12
29	ku	Vishwakarma	SV	14
30	ku	Jahagirdar	TS	13
31	ku	Mute	TR	12
32	ku	Rao	TV	11
33	ku	Bhingre	VH	10
34	ku	Madavi	YR	15
35	mr	Waghmare	HR	14
36	mr	Bodle	PV	12
37	mr	Nimbhorkar	SS	17

Rupali
Signature of the teacher
Dr. R.P. Bhagat



Dr.
Head of the Zoology Department
Dr. A. D. Bobdev
Professor & Head
Department of Zoology,
Chd Shivaji Science College,
Congress Nagar, Nagpur-42.

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 & IV

Time:45min

Maximum Marks: 20

N.B: Solve all the questions.

1. Explain HCN mode of action with merits and demerits. 10
2. Explain life cycle of Silkworm *Bombyx mori*. 5
3. Explain in brief cocoon processing for silk fabric of non mulberry silkworm. 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,
Congress Nagar, Nagpur-42.

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	HH	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	11
5	ku	Nikhare	BN	10
6	Ku	Patil	CS	14
7	Ku	Mankar	DV	15
8	Ku	Dinkaran	D	16
9	ku	Udan	DH	A
10	Ku	Hatwar	HS	14
11	ku	Sarve	IS	12
12	Ku	Chelwani	IM	10
13	Ku	Taikar	JG	3
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

S. G. Kadu

Signature of the teacher
Dr. S. G. Kadu



Dr. A. D. Bobdey

Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-12.

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 –XII Applied Zoology II
Unit Test on unit I & IV

Time:45min

Maximum Marks: 20

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

- 1) Write Concept of Sterilization using two type of method.
- 2) Write ion exchange principal and applications
- 3) Short note on Nucleotide sequence database
- 4) Define Biostatistics. Explain the term Standard deviation, probability.


Signature of the teacher
Dr. S. K. Katre




Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-12.

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 –XII Applied Zoology II
Result of Unit Test on unit I & IV Date: 20/01/2023
Name of the teacher: Dr S.K. Katre

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Sharma	AA	18
2	Ku	Uikey	AN	17
3	Ku	Giri	AS	17
4	Ku	Jain	AA	19
5	Ku	Chayhan	AR	18
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	Uechsare	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	IR	11
37	ku	Mangte	IP	11
38	ku	Kubde	IN	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	HH	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
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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
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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
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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	Bodde	PV	15
37	mr	Nimbhorkar	SS	19

Signature of the teacher
Dr. S. K. Katre



Head of the Zoology Department

Dr. A. D. Bobdey
Professor & Head
Department of Zoology,
Shri Shivaji Science College,
Congress Nagar, Nagpur-42.

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 – XII Applied Zoology II
Unit Test on unit II & III

Time:45min

Maximum Marks: 20

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

- 1) Write note on Fixation and dehydration.
- 2) Causes and remedies in Section Cutting
- 3) Explain insertion of DNA and ligation using blunt ends.
- 4) Write about vaccine production.



Signature of the teacher
Dr. S. G. Kadu



Head of the Zoology Department

Dr. A. D. Boldey
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Congress Nagar, Nagpur-42.

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 –XII Applied Zoology II
Unit Test on unit II & III Date: 10/02/2023

CBZ				
S.No.	ku/mr	Surname	Initial	Marks
1	Ku	Sharma	AA	18
2	Ku	Uikey	AN	17
3	Ku	Giri	AS	17
4	Ku	Jain	AA	19
5	Ku	Chavhan	AR	18
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	14
17	Ku	Mishra	KR	13
18	ku	Khhobragade	KL	14
19	mr	Wankhede	KS	16
20	Ku	Raipure	NB	13
21	ku	Raut	NI	9
22	ku	Maraskolhe	PG	15
23	Ku	Mehata	PK	9
24	Ku	Selokar	ND	13
25	Ku	Barik	PV	15
26	ku	Marape	PP	13
27	ku	Uechsare	PC	5
28	Ku	Pandurar	PS	8
29	ku	Dubey	PN	7
30	Ku	Patankar	PR	7
31	Ku	Chitmitwar	RA	A
32	Ku	Bagde	BK	11
33	ku	Gautam	SV	12
34	ku	Kharche	SA	13
35	Ku	Sukheja	PM	19
36	ku	Bisht	IR	15
37	ku	Mangte	TP	13
38	ku	Kubde	TN	14
39	ku	Kukde	VD	17
40	ku	Pachpohar	VG	16
41	mr	Bhatkulkar	AS	17

40	Ku	Parteki	SG	14
41	Ku	Wankhede	SA	15
42	Ku	Bharti	SV	12
43	Ku	Sharma	SS	14
44	Ku	Alaspure	SS	11
45	Ku	Rangari	SS	10
46	Ku	Ninawe	SD	A
47	Ku	Waghchoure	SP	12
48	Ku	Dandekar	SD	11
49	Ku	Samual	SA	10
50	Ku	Hadke	TR	14
51	Ku	Madekar	VP	15
52		Chakole	YG	A
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	
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

Signature of the teacher
Dr. S. G Kadu



Head of the Zoology Department

Signature

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