

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

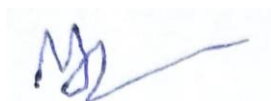
M.Sc. I Semester- I (2021-22)

Microbial Metabolism (Paper- I)

Result of Unit Test held on 13/10/2021 on Unit I

Name of Teacher: Mrs. Madhuri Walvekar

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	10
2.	Akshara A. Irkulwar	12
3.	Bhagyashree K. Uikey	12
4.	Dipti A. Charde	14
5.	Gauri R. Bhutad	14
6.	Harsha J. Poddar	AA
7.	Hiteshi R. Wadibhasme	11
8.	Janhvi R. Zade	15
9.	Khushbu U. Choukiker	17
10.	Mansi S. Bramhankar	15
11.	Neha D. Mahant	AA
12.	Rutika D. Kowe	13
13.	Savita B. Khandate	AA
14.	Shraddha P Tiwari	12
15.	Shudhanshu Pandharey	16
16.	Siddhi S. Uplenchwar	12
17.	Tanavi W. Raut	11
18.	Tanuja C. Sable	14
19.	Triveni S. Pardhi	10
20.	Vaishnavi I. Wairagade	AA



Signature of the Teacher

Mrs. Madhuri Walvekar



Head of the Department

Dr. Pranita Gulhane

HEAD
Department of Microbiology
Science College, Congress Nagar,
NAGPUR.

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper I (Microbial Metabolism)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT I

Q.1- Explain Galetctin **10M**

Q.2- Write a note on Membrane lipids **10M**



**Signature of the Teacher
Mrs. Madhuri Walvekar**



**Head of the department
Dr. Pranita Gulhane**

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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- I (2021-22)

Microbial Metabolism (Paper- I)

Result of Unit Test held on 23/10/2021 on Unit II

Name of Teacher: Mrs. Madhuri Walvekar

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	12
2.	Akshara A. Irkulwar	12
3.	Bhagyashree K. Uikey	12
4.	Dipti A. Charde	15
5.	Gauri R. Bhutad	14
6.	Harsha J. Poddar	18
7.	Hiteshi R. Wadibhasme	12
8.	Janhvi R. Zade	12
9.	Khushbu U. Choukiker	14
10.	Mansi S. Bramhankar	14
11.	Neha D. Mahant	12
12.	Rutika D. Kowe	10
13.	Savita B. Khandate	AA
14.	Shraddha P Tiwari	11
15.	Shudhanshu Pandharey	15
16.	Siddhi S. Uplenchwar	17
17.	Tanavi W. Raut	15
18.	Tanuja C. Sable	AA
19.	Triveni S. Pardhi	13
20.	Vaishnavi I. Wairagade	11



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**Shri Shivaji Education Society Amravati's
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Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper I (Microbial Metabolism)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT II

Q.1- Write about secondary structure of RNA Purine and Pyrimidine 10M

Q.2- Explain Salvage Pathway 10M



Signature of the Teacher
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Department of Microbiology

M.Sc. I Semester- I (2021-22)

ENZYMOLGY AND TECHNIQUES (Paper- II)

Result of Unit Test held on 13/12/2021 on Unit III

Name of Teacher: Dr. Manpreet Kaur

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	15
2.	Akshara A. Irkulwar	14
3.	Bhagyashree K. Uikey	11
4.	Dipti A. Charde	12
5.	Gauri R. Bhutad	AA
6.	Harsha J. Poddar	AA
7.	Hiteshi R. Wadibhasme	10
8.	Janhvi R. Zade	09
9.	Khushbu U. Choukiker	14
10.	Mansi S. Bramhankar	11
11.	Neha D. Mahant	18
12.	Rutika D. Kowe	17
13.	Savita B. Khandate	18
14.	Shraddha P Tiwari	18
15.	Shudhanshu Pandharey	17
16.	Siddhi S. Uplenchwar	AA
17.	Tanavi W. Raut	AA
18.	Tanuja C. Sable	AA
19.	Triveni S. Pardhi	10
20.	Vaishnavi I. Wairagade	11



Signature of the Teacher

Dr. Manpreet Kaur



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Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper II (ENZYMOLGY AND TECHNIQUES)
Unit Test on Unit III**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit III

Q.1-Explain about Covalent Modification and Feed-back Inhibition. 10M

Q.2-Explain about Membrane bound enzymes and Isoenzyme. 10M



Signature of the Teacher

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- I (2021-22)

ENZYMOLGY AND TECHNIQUES (Paper- II)

Result of Unit Test held on 24/12/2021 on Unit IV

Name of Teacher: Dr. Manpreet Kaur

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	12
2.	Akshara A. Irkulwar	12
3.	Bhagyashree K. Uikey	15
4.	Dipti A. Charde	14
5.	Gauri R. Bhutad	18
6.	Harsha J. Poddar	18
7.	Hiteshi R. Wadibhasme	19
8.	Janhvi R. Zade	15
9.	Khushbu U. Choukiker	10
10.	Mansi S. Bramhankar	12
11.	Neha D. Mahant	10
12.	Rutika D. Kowe	AA
13.	Savita B. Khandate	15
14.	Shraddha P Tiwari	14
15.	Shudhanshu Pandharey	11
16.	Siddhi S. Uplenchwar	12
17.	Tanavi W. Raut	AA
18.	Tanuja C. Sable	AA
19.	Triveni S. Pardhi	10
20.	Vaishnavi I. Wairagade	10

Signature of the Teacher

Dr. Manpreet Kaur



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper II (ENZYMOLGY AND TECHNIQUES)
Unit Test on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit IV

Q.1-Explain Bout Sequential Model and Concerted Model. 10M

Q.2-Give a Brief Account on Protein Engineering. 10M



Signature of the Teacher

Dr. Manpreet Kaur



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Department of Microbiology

M.Sc. I Semester- I (2021-22)

ADVANCE TECHNIQUES IN MICROBIOLOGY (Paper- III)

Result of Unit Test held on 20/10/2021 on Unit I

Name of Teacher: Mrs. Nupur Deshmukh

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	AA
2.	Akshara A. Irkulwar	AA
3.	Bhagyashree K. Uikey	14
4.	Dipti A. Charde	15
5.	Gauri R. Bhutad	18
6.	Harsha J. Poddar	18
7.	Hiteshi R. Wadibhasme	14
8.	Janhvi R. Zade	15
9.	Khushbu U. Choukiker	16
10.	Mansi S. Bramhankar	12
11.	Neha D. Mahant	10
12.	Rutika D. Kowe	10
13.	Savita B. Khandate	15
14.	Shraddha P Tiwari	14
15.	Shudhanshu Pandharey	AA
16.	Siddhi S. Uplenchwar	AA
17.	Tanavi W. Raut	10
18.	Tanuja C. Sable	09
19.	Triveni S. Pardhi	14
20.	Vaishnavi I. Wairagade	08



Signature of the Teacher

Mrs. Nupur Deshmukh



Head of the department

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper III (ADVANCE TECHNIQUES IN MICROBIOLOGY)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT I

- | | |
|--|-----|
| Q.1- Describe Centrifugation techniques | 10M |
| Q.2- Explain Diffusion sedimentation | 10M |



Signature of the Teacher

Mrs. Nupur Deshmukh



Head of the department

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Department of Microbiology

M.Sc. I Semester- I (2021-22)

ADVANCE TECHNIQUES IN MICROBIOLOGY (Paper- III)

Result of Unit Test held on 15/11/2021 on Unit II

Name of Teacher: Mrs. Nupur Deshmukh

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	AA
2.	Akshara A. Irkulwar	15
3.	Bhagyashree K. Uikey	10
4.	Dipti A. Charde	12
5.	Gauri R. Bhutad	15
6.	Harsha J. Poddar	18
7.	Hiteshi R. Wadibhasme	14
8.	Janhvi R. Zade	16
9.	Khushbu U. Choukiker	15
10.	Mansi S. Bramhankar	AA
11.	Neha D. Mahant	10
12.	Rutika D. Kowe	17
13.	Savita B. Khandate	10
14.	Shraddha P Tiwari	12
15.	Shudhanshu Pandharey	15
16.	Siddhi S. Uplenchwar	AA
17.	Tanavi W. Raut	15
18.	Tanuja C. Sable	13
19.	Triveni S. Pardhi	AA
20.	Vaishnavi I. Wairagade	15



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**Shri Shivaji Education Society Amravati's
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Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper III (ADVANCE TECHNIQUES IN MICROBIOLOGY)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT II

- Q.1-** Write a note on Agarose gel electrophoresis 10M
- Q.2-** Describe capillary electrophoresis 10M



Signature of the Teacher
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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.

Department of Microbiology

M.Sc. I Semester- I (2021-22)

MEMBRANE STRUCTURE AND SIGNAL TRANSDUCTION (Paper- IV)

Result of Unit Test held on 11/10/2021 on Unit I

Name of Teacher: Dr. Pranita Gulhane

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	18
2.	Akshara A. Irkulwar	14
3.	Bhagyashree K. Uikey	16
4.	Dipti A. Charde	15
5.	Gauri R. Bhutad	AA
6.	Harsha J. Poddar	10
7.	Hiteshi R. Wadibhasme	17
8.	Janhvi R. Zade	10
9.	Khushbu U. Choukiker	12
10.	Mansi S. Bramhankar	15
11.	Neha D. Mahant	AA
12.	Rutika D. Kowe	15
13.	Savita B. Khandate	AA
14.	Shraddha P Tiwari	10
15.	Shudhanshu Pandharey	17
16.	Siddhi S. Uplenchwar	10
17.	Tanavi W. Raut	12
18.	Tanuja C. Sable	15
19.	Triveni S. Pardhi	14
20.	Vaishnavi I. Wairagade	15



Signature of the Teacher

Dr. Pranita Gulhane



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper IV (MEMBRANE STRUCTURE AND SIGNAL TRANSDUCTION)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT I

Q.1- write a note on fluorescence photobleaching recovery 10M

Q.2- Explain membrane vesicles 10M



Signature of the Teacher

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.

Department of Microbiology

M.Sc. I Semester- I (2021-22)

MEMBRANE STRUCTURE AND SIGNAL TRANSDUCTION (Paper- IV)

Result of Unit Test held on 30/10/2021 on Unit II

Name of Teacher: Dr. Pranita Gulhane

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	AA
2.	Akshara A. Irkulwar	10
3.	Bhagyashree K. Uikey	17
4.	Dipti A. Charde	10
5.	Gauri R. Bhutad	12
6.	Harsha J. Poddar	14
7.	Hiteshi R. Wadibhasme	18
8.	Janhvi R. Zade	18
9.	Khushbu U. Choukiker	19
10.	Mansi S. Bramhankar	15
11.	Neha D. Mahant	10
12.	Rutika D. Kowe	12
13.	Savita B. Khandate	10
14.	Shraddha P Tiwari	17
15.	Shudhanshu Pandharey	10
16.	Siddhi S. Uplenchwar	12
17.	Tanavi W. Raut	14
18.	Tanuja C. Sable	18
19.	Triveni S. Pardhi	10
20.	Vaishnavi I. Wairagade	AA



Signature of the Teacher

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper IV (MEMBRANE STRUCTURE AND SIGNAL TRANSDUCTION)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT II

Q.1- Explain passive transport 10M

Q.2- Describe non-gated ion channels 10M



Signature of the Teacher

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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- III (2021-22)

MOLECULAR BIOLOGY AND GENETICS (Paper- I)

Result of Unit Test held on 12/10/2021 on Unit I

Name of Teacher: Dr. Manpreet Kaur

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	14
2.	Dhanshree D. Dafare	18
3.	Khan Huma Muzim	12
4.	Kanchan D. Selukar	12
5.	Manali S. Kakde	14
6.	Neha A. Mate	14
7.	Nidhi R. Gour	12
8.	Nikita N. Lohkare	10
9.	Nischal S. Deshbhratar	AA
10.	Pooja S. Pawar	11
11.	Pranali K. Mendhe	15
12.	Pranali S. Meshram	17
13.	Purva V. Madankar	AA
14.	Rashmi M. Dhande	10
15.	Sangharsh P. Khonde	11
16.	Sayami D. Patrikar	15
17.	Shibani A. Sahare	17
18.	Shruti R. Nikose	AA
19.	Shubhangi S. Jagtap	15
20.	Snehal G. Choudhari	13
21.	Sonal D. Tandekar	AA
22.	Suvarna D. Tekade	15
23.	Trupti S. Harinkhede	10
24.	Vaishnavi R. Mewade	15
25.	Vishakha P. Chaudhary	17



Signature of the Teacher

Dr. Manpreet Kaur



Head of the department

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- III) MICROBIOLOGY
Paper I (MOLECULAR BIOLOGY AND GENETICS)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT I

Q.1- Write a note on Holoenzyme in elongation 10M

Q.2- Describe Rec BCD 10M



Signature of the Teacher

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- III (2021-22)

MOLECULAR BIOLOGY AND GENETICS (Paper- I)

Result of Unit Test held on 10/12/2021 on Unit III

Name of Teacher: Dr. Manpreet Kaur

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	15
2.	Dhanshree D. Dafare	14
3.	Khan Huma Muzim	18
4.	Kanchan D. Selukar	18
5.	Manali S. Kakde	19
6.	Neha A. Mate	15
7.	Nidhi R. Gour	10
8.	Nikita N. Lohkare	12
9.	Nischal S. Deshbhratar	10
10.	Pooja S. Pawar	AA
11.	Pranali K. Mendhe	12
12.	Pranali S. Meshram	12
13.	Purva V. Madankar	08
14.	Rashmi M. Dhande	15
15.	Sangharsh P. Khonde	14
16.	Sayami D. Patrikar	12
17.	Shibani A. Sahare	AA
18.	Shruti R. Nikose	AA
19.	Shubhangi S. Jagtap	AA
20.	Snehal G. Choudhari	11
21.	Sonal D. Tandekar	14
22.	Suvarna D. Tekade	12
23.	Trupti S. Harinkhede	10
24.	Vaishnavi R. Mewade	10
25.	Vishakha P. Chaudhary	AA



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Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- III) MICROBIOLOGY
Paper I (MOLECULAR BIOLOGY AND GENETICS)
Unit Test on Unit III**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT III

Q.1- Give an account on structure of Lac Operon 10M

Q.2- Explain chromatin remodelling 10M



Signature of the Teacher

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Department of Microbiology

M.Sc. II Semester- III (2021-22)

RECOMBINANT DNA TECHNOLOGY AND NANOBIO TECHNOLOGY (Paper- II)

Result of Unit Test held on 21/10/2021 on Unit I

Name of Teacher: Mrs. Madhuri Walvekar

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	14
2.	Dhanshree D. Dafare	18
3.	Khan Huma Muzim	12
4.	Kanchan D. Selukar	12
5.	Manali S. Kakde	14
6.	Neha A. Mate	14
7.	Nidhi R. Gour	12
8.	Nikita N. Lohkare	10
9.	Nischal S. Deshbhratar	15
10.	Pooja S. Pawar	18
11.	Pranali K. Mendhe	17
12.	Pranali S. Meshram	AA
13.	Purva V. Madankar	11
14.	Rashmi M. Dhande	15
15.	Sangharsh P. Khonde	14
16.	Sayami D. Patrikar	AA
17.	Shibani A. Sahare	AA
18.	Shruti R. Nikose	10
19.	Shubhangi S. Jagtap	AA
20.	Snehal G. Choudhari	14
21.	Sonal D. Tandekar	12
22.	Suvarna D. Tekade	13
23.	Trupti S. Harinkhede	AA
24.	Vaishnavi R. Mewade	10
25.	Vishakha P. Chaudhary	08



Signature of the Teacher

Mrs. Madhuri Walvekar



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- III) MICROBIOLOGY
Paper II (RECOMBINANT DNA TECHNOLOGY AND NANOBIO TECHNOLOGY)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit I

Q.1-Explain Expression vectors. 10M

Q.2-Write a note on chromosome libraries. 10M



**Signature of the Teacher
Mrs. Madhuri Walvekar**



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Department of Microbiology

M.Sc. II Semester- III (2021-22)

RECOMBINANT DNA TECHNOLOGY AND NANOBIO TECHNOLOGY (Paper- II)

Result of Unit Test held on 22/11/2021 on Unit II

Name of Teacher: Mrs. Madhuri Walvekar

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	AA
2.	Dhanshree D. Dafare	12
3.	Khan Huma Muzim	12
4.	Kanchan D. Selukar	15
5.	Manali S. Kakde	14
6.	Neha A. Mate	18
7.	Nidhi R. Gour	12
8.	Nikita N. Lohkare	12
9.	Nischal S. Deshbhratar	14
10.	Pooja S. Pawar	14
11.	Pranali K. Mendhe	12
12.	Pranali S. Meshram	10
13.	Purva V. Madankar	AA
14.	Rashmi M. Dhande	11
15.	Sangharsh P. Khonde	15
16.	Sayami D. Patrikar	10
17.	Shibani A. Sahare	AA
18.	Shruti R. Nikose	08
19.	Shubhangi S. Jagtap	15
20.	Snehal G. Choudhari	14
21.	Sonal D. Tandekar	12
22.	Suvarna D. Tekade	AA
23.	Trupti S. Harinkhede	15
24.	Vaishnavi R. Mewade	14
25.	Vishakha P. Chaudhary	12



Signature of the Teacher

Mrs. Madhuri Walvekar



Head of the department

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- III) MICROBIOLOGY
Paper II (RECOMBINANT DNA TECHNOLOGY AND NANOBIO TECHNOLOGY)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit II

Q.1- Write about Nuclear run on transcription. 10M

Q.2- Explain DMS footprinting. 10M



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- III (2021-22)

MICROBIAL DIVERSITY, EVOLUTION AND ECOLOGY (Paper- III)

Result of Unit Test held on 26/11/2021 on Unit III

Name of Teacher: Mrs. Nupur Deshmukh

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	10
2.	Dhanshree D. Dafare	10
3.	Khan Huma Muzim	12
4.	Kanchan D. Selukar	12
5.	Manali S. Kakde	14
6.	Neha A. Mate	14
7.	Nidhi R. Gour	AA
8.	Nikita N. Lohkare	AA
9.	Nischal S. Deshbhratar	11
10.	Pooja S. Pawar	14
11.	Pranali K. Mendhe	14
12.	Pranali S. Meshram	12
13.	Purva V. Madankar	15
14.	Rashmi M. Dhande	08
15.	Sangharsh P. Khonde	15
16.	Sayami D. Patrikar	14
17.	Shibani A. Sahare	12
18.	Shruti R. Nikose	10
19.	Shubhangi S. Jagtap	AA
20.	Snehal G. Choudhari	10
21.	Sonal D. Tandekar	11
22.	Suvarna D. Tekade	15
23.	Trupti S. Harinkhede	17
24.	Vaishnavi R. Mewade	15
25.	Vishakha P. Chaudhary	AA



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- III) MICROBIOLOGY
Paper III (MICROBIAL DIVERSITY, EVOLUTION AND ECOLOGY)
Unit Test on Unit III**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit III

Q.1- Describe about Planctomycetes. 10M

Q.2- Explain about Cyanobacteria. 10M



Signature of the Teacher

Mrs. Nupur Deshmukh



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- III (2021-22)

MICROBIAL DIVERSITY, EVOLUTION AND ECOLOGY (Paper- III)

Result of Unit Test held on 15/12/2021 on Unit IV

Name of Teacher: Mrs. Nupur Deshmukh

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	12
2.	Dhanshree D. Dafare	12
3.	Khan Huma Muzim	15
4.	Kanchan D. Selukar	14
5.	Manali S. Kakde	18
6.	Neha A. Mate	12
7.	Nidhi R. Gour	12
8.	Nikita N. Lohkare	14
9.	Nischal S. Deshbhratar	14
10.	Pooja S. Pawar	12
11.	Pranali K. Mendhe	10
12.	Pranali S. Meshram	AA
13.	Purva V. Madankar	11
14.	Rashmi M. Dhande	15
15.	Sangharsh P. Khonde	12
16.	Sayami D. Patrikar	12
17.	Shibani A. Sahare	14
18.	Shruti R. Nikose	14
19.	Shubhangi S. Jagtap	AA
20.	Snehal G. Choudhari	AA
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24.	Vaishnavi R. Mewade	AA
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Signature of the Teacher

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- III) MICROBIOLOGY
Paper III (MICROBIAL DIVERSITY, EVOLUTION AND ECOLOGY)
Unit Test on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit IV

Q.1- Discuss In detail Phylum-Defferibacter. 10 M

Q.2- Write about Phylum: Green Sulphur Bacteria. 10M



Signature of the Teacher

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- III (2021-22)

DRUG AND DISEASE MANAGEMENT (Paper- IV)

Result of Unit Test held on 18/10/2021 on Unit I

Name of Teacher: Dr. Pranita Gulhane

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	AA
2.	Dhanshree D. Dafare	11
3.	Khan Huma Muzim	14
4.	Kanchan D. Selukar	14
5.	Manali S. Kakde	12
6.	Neha A. Mate	15
7.	Nidhi R. Gour	08
8.	Nikita N. Lohkare	15
9.	Nischal S. Deshbhratar	14
10.	Pooja S. Pawar	12
11.	Pranali K. Mendhe	10
12.	Pranali S. Meshram	AA
13.	Purva V. Madankar	10
14.	Rashmi M. Dhande	11
15.	Sangharsh P. Khonde	AA
16.	Sayami D. Patrikar	08
17.	Shibani A. Sahare	15
18.	Shruti R. Nikose	14
19.	Shubhangi S. Jagtap	12
20.	Snehal G. Choudhari	AA
21.	Sonal D. Tandekar	AA
22.	Suvarna D. Tekade	14
23.	Trupti S. Harinkhede	18
24.	Vaishnavi R. Mewade	18
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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- III) MICROBIOLOGY
Paper IV (DRUG AND DISEASE MANAGEMENT)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT I

Q.1- Describe the mechanism of drug action 10M

Q.2- Explain bioprecursors prodrugs 10M



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- III (2021-22)

DRUG AND DISEASE MANAGEMENT (Paper- IV)

Result of Unit Test held on 30/10/2021 on Unit II

Name of Teacher: Dr. Pranita Gulhane

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	10
2.	Dhanshree D. Dafare	12
3.	Khan Huma Muzim	10
4.	Kanchan D. Selukar	15
5.	Manali S. Kakde	14
6.	Neha A. Mate	18
7.	Nidhi R. Gour	18
8.	Nikita N. Lohkare	19
9.	Nischal S. Deshbhratar	15
10.	Pooja S. Pawar	10
11.	Pranali K. Mendhe	12
12.	Pranali S. Meshram	10
13.	Purva V. Madankar	AA
14.	Rashmi M. Dhande	12
15.	Sangharsh P. Khonde	12
16.	Sayami D. Patrikar	08
17.	Shibani A. Sahare	15
18.	Shruti R. Nikose	14
19.	Shubhangi S. Jagtap	12
20.	Snehal G. Choudhari	AA
21.	Sonal D. Tandekar	AA
22.	Suvarna D. Tekade	14
23.	Trupti S. Harinkhede	18
24.	Vaishnavi R. Mewade	18
25.	Vishakha P. Chaudhary	19



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Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- III) MICROBIOLOGY
Paper IV (DRUG AND DISEASE MANAGEMENT)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT II

Q.1- Write a note on mercury compounds

10M

Q.2- Explain in detail rifamycin and isoniazid

10M



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- II (2021-22)

MICROBIAL METHODS FOR ENVIRONMENT MANAGEMENT (Paper- I)

Result of Unit Test held on 26/02/2022 on Unit II

Name of Teacher: Mrs. Nupur Deshmukh

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	AA
2.	Akshara A. Irkulwar	15
3.	Bhagyashree K. Uikey	10
4.	Dipti A. Charde	12
5.	Gauri R. Bhutad	15
6.	Harsha J. Poddar	18
7.	Hiteshi R. Wadibhasme	14
8.	Janhvi R. Zade	16
9.	Khushbu U. Choukiker	15
10.	Mansi S. Bramhankar	AA
11.	Neha D. Mahant	AA
12.	Rutika D. Kowe	AA
13.	Savita B. Khandate	10
14.	Shraddha P Tiwari	12
15.	Shudhanshu Pandharey	15
16.	Siddhi S. Uplenchwar	AA
17.	Tanavi W. Raut	14
18.	Tanuja C. Sable	16
19.	Triveni S. Pardhi	15
20.	Vaishnavi I. Wairagade	AA



Signature of the Teacher

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- II) MICROBIOLOGY
Paper I (MICROBIAL METHODS FOR ENVIRONMENT MANAGEMENT)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit II

Q.1-Explain in Detail Biotransformation of Mercury. 10M

Q.2-Describe About Biodegradation of Plastic. 10M



Signature of the Teacher

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- II (2021-22)

MICROBIAL METHODS FOR ENVIRONMENT MANAGEMENT (Paper- I)

Result of Unit Test held on 11/03/2022 on Unit III

Name of Teacher: Mrs. Nupur Deshmukh

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	11
2.	Akshara A. Irkulwar	15
3.	Bhagyashree K. Uikey	17
4.	Dipti A. Charde	15
5.	Gauri R. Bhutad	AA
6.	Harsha J. Poddar	13
7.	Hiteshi R. Wadibhasme	AA
8.	Janhvi R. Zade	AA
9.	Khushbu U. Choukiker	14
10.	Mansi S. Bramhankar	17
11.	Neha D. Mahant	14
12.	Rutika D. Kowe	10
13.	Savita B. Khandate	15
14.	Shraddha P Tiwari	AA
15.	Shudhanshu Pandharey	AA
16.	Siddhi S. Uplenchwar	AA
17.	Tanavi W. Raut	10
18.	Tanuja C. Sable	15
19.	Triveni S. Pardhi	14
20.	Vaishnavi I. Wairagade	17



Signature of the Teacher

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- II) MICROBIOLOGY
Paper I (MICROBIAL METHODS FOR ENVIRONMENT MANAGEMENT)
Unit Test on Unit III**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit III

Q.1-Explain in Detail about Waste Water Management using Fluidized Bed Reactors. 10M

Q.2-Write Down the Applications of Phytoremediation. 10M



Signature of the Teacher

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Head of the department

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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- II (2021-22)

MICROBIAL METABOLITES (Paper- II)

Result of Unit Test held on 05/03/2022 on Unit I

Name of Teacher: Dr. Manpreet Kaur

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	08
2.	Akshara A. Irkulwar	15
3.	Bhagyashree K. Uikey	14
4.	Dipti A. Charde	12
5.	Gauri R. Bhutad	AA
6.	Harsha J. Poddar	AA
7.	Hiteshi R. Wadibhasme	AA
8.	Janhvi R. Zade	11
9.	Khushbu U. Choukiker	15
10.	Mansi S. Bramhankar	17
11.	Neha D. Mahant	15
12.	Rutika D. Kowe	AA
13.	Savita B. Khandate	13
14.	Shraddha P Tiwari	AA
15.	Shudhanshu Pandharey	AA
16.	Siddhi S. Uplenchwar	14
17.	Tanavi W. Raut	17
18.	Tanuja C. Sable	15
19.	Triveni S. Pardhi	17
20.	Vaishnavi I. Wairagade	15

Signature of the Teacher

Dr. Manpreet Kaur



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- II) MICROBIOLOGY
Paper II (MICROBIAL METABOLITES)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT I

Q.1- Give a brief outline and function of polyamines 10M

Q.2- Explain secondary metabolite production by cyanobacteria 10M



Signature of the Teacher

Dr. Manpreet Kaur



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.

Department of Microbiology

M.Sc. I Semester- II (2021-22)

MICROBIAL METABOLITES (Paper- II)

Result of Unit Test held on 17/03/2022 on Unit II

Name of Teacher: Dr. Manpreet Kaur

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	12
2.	Akshara A. Irkulwar	15
3.	Bhagyashree K. Uikey	18
4.	Dipti A. Charde	14
5.	Gauri R. Bhutad	16
6.	Harsha J. Poddar	15
7.	Hiteshi R. Wadibhasme	AA
8.	Janhvi R. Zade	AA
9.	Khushbu U. Choukiker	AA
10.	Mansi S. Bramhankar	10
11.	Neha D. Mahant	12
12.	Rutika D. Kowe	15
13.	Savita B. Khandate	AA
14.	Shraddha P Tiwari	15
15.	Shudhanshu Pandharey	AA
16.	Siddhi S. Uplenchwar	10
17.	Tanavi W. Raut	12
18.	Tanuja C. Sable	15
19.	Triveni S. Pardhi	18
20.	Vaishnavi I. Wairagade	AA



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- II) MICROBIOLOGY
Paper II (MICROBIAL METABOLITES)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT II

Q.1- Explain the structure and mode of action of antibiotics 10M

Q.2- Give the mechanisms of antibiotic resistance 10M



Signature of the Teacher

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- II (2021-22)

MEDICAL MICROBIOLOGY AND PARASITOLOGY (Paper- III)

Result of Unit Test held on 21/02/2022 on Unit I

Name of Teacher: Dr. Pranita Gulhane

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	AA
2.	Akshara A. Irkulwar	AA
3.	Bhagyashree K. Uikey	09
4.	Dipti A. Charde	10
5.	Gauri R. Bhutad	12
6.	Harsha J. Poddar	15
7.	Hiteshi R. Wadibhasme	18
8.	Janhvi R. Zade	16
9.	Khushbu U. Choukiker	17
10.	Mansi S. Bramhankar	15
11.	Neha D. Mahant	15
12.	Rutika D. Kowe	10
13.	Savita B. Khandate	AA
14.	Shraddha P Tiwari	AA
15.	Shudhanshu Pandharey	AA
16.	Siddhi S. Uplenchwar	17
17.	Tanavi W. Raut	14
18.	Tanuja C. Sable	10
19.	Triveni S. Pardhi	15
20.	Vaishnavi I. Wairagade	AA



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- II) MICROBIOLOGY
Paper III (MEDICAL MICROBIOLOGY AND PARASITOLOGY)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT I

Q.1- Explain the process on infection 10M

Q.2- Describe colonization and invasion of mucous membranes of respiratory tracts 10M

Signature of the Teacher

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- II (2021-22)

MEDICAL MICROBIOLOGY AND PARASITOLOGY (Paper- III)

Result of Unit Test held on 19/03/2022 on Unit II

Name of Teacher: Dr. Pranita Gulhane

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	12
2.	Akshara A. Irkulwar	16
3.	Bhagyashree K. Uikey	12
4.	Dipti A. Charde	11
5.	Gauri R. Bhutad	14
6.	Harsha J. Poddar	10
7.	Hiteshi R. Wadibhasme	AA
8.	Janhvi R. Zade	08
9.	Khushbu U. Choukiker	15
10.	Mansi S. Bramhankar	14
11.	Neha D. Mahant	12
12.	Rutika D. Kowe	AA
13.	Savita B. Khandate	AA
14.	Shraddha P Tiwari	AA
15.	Shudhanshu Pandharey	11
16.	Siddhi S. Uplenchwar	15
17.	Tanavi W. Raut	17
18.	Tanuja C. Sable	14
19.	Triveni S. Pardhi	14
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Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- II) MICROBIOLOGY
Paper III (MEDICAL MICROBIOLOGY AND PARASITOLOGY)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT II

Q.1- Give morphological characteristics of *Proteus vulgaris* 10M

Q.2- Explain pathogenesis of *Streptococcus suis* 10M



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- II (2021-22)

IMMUNOLOGY AND IMMUNODIAGNOSTICS (Paper- IV)

Result of Unit Test held on 14/03/2022 on Unit II

Name of Teacher: Mrs. Madhuri Walvekar

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	12
2.	Akshara A. Irkulwar	12
3.	Bhagyashree K. Uikey	12
4.	Dipti A. Charde	15
5.	Gauri R. Bhutad	14
6.	Harsha J. Poddar	18
7.	Hiteshi R. Wadibhasme	12
8.	Janhvi R. Zade	12
9.	Khushbu U. Choukiker	14
10.	Mansi S. Bramhankar	14
11.	Neha D. Mahant	12
12.	Rutika D. Kowe	10
13.	Savita B. Khandate	AA
14.	Shraddha P Tiwari	11
15.	Shudhanshu Pandharey	12
16.	Siddhi S. Uplenchwar	12
17.	Tanavi W. Raut	12
18.	Tanuja C. Sable	15
19.	Triveni S. Pardhi	14
20.	Vaishnavi I. Wairagade	18



Signature of the Teacher

Mrs. Madhuri Walvekar



Head of the department

Dr. Pranita Gulhane

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- II) MICROBIOLOGY
Paper IV (IMMUNOLOGY AND IMMUNODIAGNOSTICS)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit II

Q.1- Describe About Immune Surveillance Theory. 10M

Q.2- Explain Mechanism of Graft Rejection. 10M



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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. I Semester- II (2021-22)

IMMUNOLOGY AND IMMUNODIAGNOSTICS (Paper- IV)

Result of Unit Test held on 26/03/2022 on Unit III

Name of Teacher: Mrs. Madhuri Walvekar

Sr. No	Name of Student	Marks out of 20
1.	Aishwarya S Mohatkar	10
2.	Akshara A. Irkulwar	10
3.	Bhagyashree K. Uikey	15
4.	Dipti A. Charde	18
5.	Gauri R. Bhutad	14
6.	Harsha J. Poddar	10
7.	Hiteshi R. Wadibhasme	AA
8.	Janhvi R. Zade	15
9.	Khushbu U. Choukiker	14
10.	Mansi S. Bramhankar	AA
11.	Neha D. Mahant	AA
12.	Rutika D. Kowe	10
13.	Savita B. Khandate	15
14.	Shraddha P Tiwari	AA
15.	Shudhanshu Pandharey	12
16.	Siddhi S. Uplenchwar	11
17.	Tanavi W. Raut	15
18.	Tanuja C. Sable	18
19.	Triveni S. Pardhi	17
20.	Vaishnavi I. Wairagade	AA



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- II) MICROBIOLOGY
Paper IV (IMMUNOLOGY AND IMMUNODIAGNOSTICS)
Unit Test on Unit III**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit III

Q.1- Write a note on Wiskott-Aldrich Syndrome . **10M**

Q.2- Describe in detail about Autoimmune Haemolytic Disease. **10 M**



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Department of Microbiology

M.Sc. II Semester- IV (2021-22)

VIROLOGY (Paper- I)

Result of Unit Test held on 31/03/2022 on Unit III

Name of Teacher: Mrs. Madhuri Walvekar

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	15
2.	Dhanshree D. Dafare	14
3.	Khan Huma Muzim	18
4.	Kanchan D. Selukar	12
5.	Manali S. Kakde	12
6.	Neha A. Mate	14
7.	Nidhi R. Gour	14
8.	Nikita N. Lohkare	12
9.	Nischal S. Deshbhratar	10
10.	Pooja S. Pawar	15
11.	Pranali K. Mendhe	18
12.	Pranali S. Meshram	17
13.	Purva V. Madankar	AA
14.	Rashmi M. Dhande	11
15.	Sangharsh P. Khonde	15
16.	Sayami D. Patrikar	17
17.	Shibani A. Sahare	15
18.	Shruti R. Nikose	11
19.	Shubhangi S. Jagtap	15
20.	Snehal G. Choudhari	17
21.	Sonal D. Tandekar	15
22.	Suvarna D. Tekade	AA
23.	Trupti S. Harinkhede	13
24.	Vaishnavi R. Mewade	AA
25.	Vishakha P. Chaudhary	10



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper I (VIROLOGY)
Unit Test on Unit III**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT III

Q.1-Write a note on Hepatitis viruses 10M

Q.2-Explain potato virus 10M



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- IV (2021-22)

VIROLOGY (Paper- I)

Result of Unit Test held on 13/04/2022 on Unit IV

Name of Teacher: Mrs. Madhuri Walvekar

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	10
2.	Dhanshree D. Dafare	12
3.	Khan Huma Muzim	15
4.	Kanchan D. Selukar	18
5.	Manali S. Kakde	14
6.	Neha A. Mate	10
7.	Nidhi R. Gour	AA
8.	Nikita N. Lohkare	15
9.	Nischal S. Deshbhratar	14
10.	Pooja S. Pawar	AA
11.	Pranali K. Mendhe	AA
12.	Pranali S. Meshram	10
13.	Purva V. Madankar	15
14.	Rashmi M. Dhande	AA
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**Shri Shivaji Education Society Amravati's
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Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper I (VIROLOGY)
Unit Test on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT IV

Q.1- Give account on ELISA 10M

Q.2- Write short note Indinavir and Ritonavir 10M



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Department of Microbiology

M.Sc. II Semester- IV (2021-22)

Microbial Fermentation Technology (Paper-II)

Result of Unit Test held on 22/02/2022 on Unit I

Name of Teacher: Dr. Pranita Gulhane

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	12
2.	Dhanshree D. Dafare	15
3.	Khan Huma Muzim	14
4.	Kanchan D. Selukar	18
5.	Manali S. Kakde	12
6.	Neha A. Mate	12
7.	Nidhi R. Gour	14
8.	Nikita N. Lohkare	14
9.	Nischal S. Deshbhratar	12
10.	Pooja S. Pawar	10
11.	Pranali K. Mendhe	AA
12.	Pranali S. Meshram	11
13.	Purva V. Madankar	15
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15.	Sangharsh P. Khonde	15
16.	Sayami D. Patrikar	AA
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19.	Shubhangi S. Jagtap	12
20.	Snehal G. Choudhari	15
21.	Sonal D. Tandekar	14
22.	Suvarna D. Tekade	18
23.	Trupti S. Harinkhede	10
24.	Vaishnavi R. Mewade	AA
25.	Vishakha P. Chaudhary	AA



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Dr. Pranita Gulhane



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper II (Microbial Fermentation Technology)
Unit Test on Unit I**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT I

Q.1- Explain Growth kinetics and Monod's Model. 10M

Q.2- What is growth yield? Explain in detail about product formation 10M



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- IV (2021-22)

Microbial Fermentation Technology (Paper-II)

Result of Unit Test held on 09/04/2022 on Unit II

Name of Teacher: Dr. Pranita Gulhane

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	12
2.	Dhanshree D. Dafare	14
3.	Khan Huma Muzim	14
4.	Kanchan D. Selukar	12
5.	Manali S. Kakde	10
6.	Neha A. Mate	12
7.	Nidhi R. Gour	15
8.	Nikita N. Lohkare	14
9.	Nischal S. Deshbhratar	18
10.	Pooja S. Pawar	12
11.	Pranali K. Mendhe	12
12.	Pranali S. Meshram	14
13.	Purva V. Madankar	14
14.	Rashmi M. Dhande	12
15.	Sangharsh P. Khonde	10
16.	Sayami D. Patrikar	15
17.	Shibani A. Sahare	18
18.	Shruti R. Nikose	17
19.	Shubhangi S. Jagtap	AA
20.	Snehal G. Choudhari	11
21.	Sonal D. Tandekar	15
22.	Suvarna D. Tekade	17
23.	Trupti S. Harinkhede	15
24.	Vaishnavi R. Mewade	AA
25.	Vishakha P. Chaudhary	13

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper II (Microbial Fermentation Technology)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

UNIT II

Q.1- Explain Downstream process 10M

Q.2- Explain the scale down process 10M



Signature of the Teacher

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Department of Microbiology

M.Sc. II Semester- IV (2021-22)

Microbial Diversity, Evolution and Ecology (Paper-III)

Result of Unit Test held on 25/03/2022 on Unit III

Name of Teacher: Mrs. Nupur Deshmukh

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	12
2.	Dhanshree D. Dafare	15
3.	Khan Huma Muzim	18
4.	Kanchan D. Selukar	14
5.	Manali S. Kakde	16
6.	Neha A. Mate	15
7.	Nidhi R. Gour	AA
8.	Nikita N. Lohkare	AA
9.	Nischal S. Deshbhratar	AA
10.	Pooja S. Pawar	10
11.	Pranali K. Mendhe	12
12.	Pranali S. Meshram	15
13.	Purva V. Madankar	AA
14.	Rashmi M. Dhande	15
15.	Sangharsh P. Khonde	AA
16.	Sayami D. Patrikar	15
17.	Shibani A. Sahare	10
18.	Shruti R. Nikose	12
19.	Shubhangi S. Jagtap	15
20.	Snehal G. Choudhari	18
21.	Sonal D. Tandekar	14
22.	Suvarna D. Tekade	16
23.	Trupti S. Harinkhede	12
24.	Vaishnavi R. Mewade	15
25.	Vishakha P. Chaudhary	18



Signature of the Teacher

Mrs. Nupur Deshmukh



Head of the department

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper III (Microbial Diversity, Evolution and Ecology)
Unit Test on Unit III**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit III

Q.1- Describe about Planctomycetes. 10M

Q.2- Explain about Cyanobacteria. 10M



Signature of the Teacher

Mrs. Nupur Deshmukh



Head of the department

Dr. Pranita Gulhane

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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester- IV (2021-22)

Microbial Diversity, Evolution and Ecology (Paper-III)

Result of Unit Test held on 11/04/2022 on Unit IV

Name of Teacher: Mrs. Nupur Deshmukh

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	AA
2.	Dhanshree D. Dafare	11
3.	Khan Huma Muzim	15
4.	Kanchan D. Selukar	17
5.	Manali S. Kakde	15
6.	Neha A. Mate	AA
7.	Nidhi R. Gour	13
8.	Nikita N. Lohkare	AA
9.	Nischal S. Deshbhratar	AA
10.	Pooja S. Pawar	14
11.	Pranali K. Mendhe	17
12.	Pranali S. Meshram	14
13.	Purva V. Madankar	10
14.	Rashmi M. Dhande	15
15.	Sangharsh P. Khonde	AA
16.	Sayami D. Patrikar	AA
17.	Shibani A. Sahare	AA
18.	Shruti R. Nikose	10
19.	Shubhangi S. Jagtap	15
20.	Snehal G. Choudhari	18
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Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper III (Microbial Diversity, Evolution and Ecology)
Unit Test on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit IV

Q.1- Discuss In detail Phylum-Defferibacter. 10M

Q.2- Write about Phylum: Green Sulphur Bacteria. 10M



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Department of Microbiology

M.Sc. II Semester- IV (2021-22)

Vaccines and Delivery System (Paper-IV)

Result of Unit Test held on 05/03/2022 on Unit I

Name of Teacher: Dr. Manpreet Kaur

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	AA
2.	Dhanshree D. Dafare	13
3.	Khan Huma Muzim	AA
4.	Kanchan D. Selukar	AA
5.	Manali S. Kakde	14
6.	Neha A. Mate	17
7.	Nidhi R. Gour	14
8.	Nikita N. Lohkare	12
9.	Nischal S. Deshbhratar	12
10.	Pooja S. Pawar	12
11.	Pranali K. Mendhe	15
12.	Pranali S. Meshram	14
13.	Purva V. Madankar	18
14.	Rashmi M. Dhande	18
15.	Sangharsh P. Khonde	19
16.	Sayami D. Patrikar	15
17.	Shibani A. Sahare	10
18.	Shruti R. Nikose	12
19.	Shubhangi S. Jagtap	10
20.	Snehal G. Choudhari	AA
21.	Sonal D. Tandekar	14
22.	Suvarna D. Tekade	12
23.	Trupti S. Harinkhede	12
24.	Vaishnavi R. Mewade	12
25.	Vishakha P. Chaudhary	15



Signature of the Teacher

Dr. Manpreet Kaur



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Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper IV (Vaccines and Delivery System)
Unit Test on Unit I**

Time: 60 min

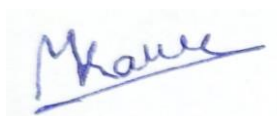
Maximum Marks: 20

N.B.:- All questions are compulsory

Unit I

Q.1- Write a note on Discovery of vaccines. 10M

Q.2- Explain in detail Subunit vaccine. 10M



Signature of the Teacher

Dr. Manpreet Kaur



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Department of Microbiology

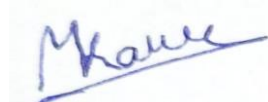
M.Sc. II Semester- IV (2021-22)

Vaccines and Delivery System (Paper-IV)

Result of Unit Test held on 21/03/2022 on Unit II

Name of Teacher: Dr. Manpreet Kaur

Sr. No	Name of Student	Marks out of 20
1.	Bhavika T. Ranpura	10
2.	Dhanshree D. Dafare	15
3.	Khan Huma Muzim	15
4.	Kanchan D. Selukar	AA
5.	Manali S. Kakde	18
6.	Neha A. Mate	12
7.	Nidhi R. Gour	12
8.	Nikita N. Lohkare	14
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12.	Pranali S. Meshram	15
13.	Purva V. Madankar	17
14.	Rashmi M. Dhande	15
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24.	Vaishnavi R. Mewade	AA
25.	Vishakha P. Chaudhary	AA



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Academic Session (2021-2022)
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper IV (Vaccines and Delivery System)
Unit Test on Unit II**

Time: 60 min

Maximum Marks: 20

N.B.:- All questions are compulsory

Unit II

Q.1- Explain the concept of Influenza vaccine. 10M

Q.2- Write a note on Polio vaccine (Inactivated, live attenuated). 10M



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