

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

**Department of Microbiology
M.Sc. I Semester-I (2017-18)**

Microbiology Paper- I (Microbial Metabolism)

Result of Unit Test held on-14/08/2017 on Unit I

Name of the teacher: Ms.Vaidehi Chandorkar

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	11
2.	Akanksha G. Sapate	09
3.	Anam A. Khan	18
4.	Ankita V. Telrandhe	AA
5.	Khushboo Krishnani	AA
6.	Niharika P. Deshpande	11
7.	Nikita A. Hiratkar	09
8.	Nikita N. Bhure	08
9.	Nishi Selote	11
10.	Nishigandha Kutemate	13
11.	Pallavi S. Patle	09
12.	Pooja V. Sonewane	11
13.	Prachi N. Dhaberao	10
14.	Preeti V. Balbudhe	15
15.	Prerna D. Tembhare	14
16.	Rashmi B. Hanwate	02
17.	Sarayu R. Mandpe	16
18.	Shama R. Meshram	18
19.	Sheetal T. Gahane	09
20.	Shivani P. Gohane	AA
21.	Sneha M. Khotele	15
22.	Yashswini M. Borkar	08



Signature of Teacher

Ms.Vaidehi Chandorkar



Head of the Department

Dr. A.V. Gomashe

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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-** Describe biosynthesis of bacterial peptidoglycan 10
- Q.2-** Write a note on Membrane lipids 10



**Signature of Teacher
Ms.Vaidehi Chandorkar**



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

Department of Microbiology

M.Sc. I Semester-I (2017-18)

Microbiology Paper- I (Microbial Metabolism)

Result of Unit Test held on-29/08/2017 on Unit II

Name of the teacher: Ms.Vaidehi Chandorkar

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	13
2.	Akanksha G. Sapate	09
3.	Anam A. Khan	AA
4.	Ankita V. Telrandhe	12
5.	Khushboo Krishnani	18
6.	Niharika P. Deshpande	10
7.	Nikita A. Hiratkar	19
8.	Nikita N. Bhure	17
9.	Nishi Selote	AA
10.	Nishigandha Kutemate	09
11.	Pallavi S. Patle	12
12.	Pooja V. Sonewane	18
13.	Prachi N. Dhaberao	12
14.	Preeti V. Balbudhe	16
15.	Prerna D. Tembhare	AA
16.	Rashmi B. Hanwate	14
17.	Sarayu R. Mandpe	11
18.	Shama R. Meshram	07
19.	Sheetal T. Gahane	14
20.	Shivani P. Gohane	09
21.	Sneha M. Khotele	13
22.	Yashwini M. Borkar	07

Signature of Teacher

Ms.Vaidehi Chandorkar



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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- Describe the concept of protein domain and motifs 10

Q.2- write a note on triplet DNA and G Tetraplex 10



**Signature of Teacher
Ms.Vaidehi Chandorkar**



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

Department of Microbiology

M.Sc. I Semester-I (2017-18)

Microbiology Paper-II (Enzymology and Techniques)

Result of Unit Test held on 11/08/2017 on Unit I

Name of the teacher:Ms.Namrata Shukla

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	15
2.	Akanksha G. Sapate	08
3.	Anam A. Khan	04
4.	Ankita V. Telrandhe	17
5.	Khushboo Krishnani	12
6.	Niharika P. Deshpande	10
7.	Nikita A. Hiratkar	05
8.	Nikita N. Bhure	13
9.	Nishi Selote	15
10.	Nishigandha Kutemate	06
11.	Pallavi S. Patle	03
12.	Pooja V. Sonewane	13
13.	Prachi N. Dhaberao	11
14.	Preeti V. Balbudhe	17
15.	Purna D. Tembhare	16
16.	Rashmi B. Hanwate	09
17.	Sarayu R. Mandpe	19
18.	Shama R. Meshram	08
19.	Sheetal T. Gahane	03
20.	Shivani P. Gohane	AA
21.	Sneha M. Khotale	16
22.	Yashwini M. Borkar	AA

Nshukla

Signature of Teacher

Ms.Namrata Shukla



A.V. Gomashe

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Dr. A.V. Gomashe

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc.) (Semester-I) Microbiology
Paper-II (Enzymology and Techniques)
UNIT TEST on Unit I**

Time: 60 min.]

[Maximum Marks:20

N.B. :- (1) All Questions are Compulsary.

Unit I

Q.1- Give an Account on Michaelis-Menten Equation. 10

Q.2- Write down the kinetics of Enzyme Inhibition. 10



Signature of Teacher

Ms. Namrata Shukla



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

Department of Microbiology

M.Sc. I Semester-I (2017-18)

Microbiology Paper-II (Enzymology and Techniques)

Result of Unit Test held on-24/08/2017 on Unit II

Name of the teacher: Ms.Namrata Shukla

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	15
2.	Akanksha G. Sapate	13
3.	Anam A. Khan	18
4.	Ankita V. Telrandhe	16
5.	Khushboo Krishnani	12
6.	Niharika P. Deshpande	08
7.	Nikita A. Hiratkar	AA
8.	Nikita N. Bhure	15
9.	Nishi Selote	13
10.	Nishigandha Kutemate	11
11.	Pallavi S. Patle	19
12.	Pooja V. Sonewane	09
13.	Prachi N. Dhaberao	15
14.	Preeti V. Balbudhe	17
15.	Prerna D. Tembhare	14
16.	Rashmi B. Hanwate	19
17.	Sarayu R. Mandpe	15
18.	Shama R. Meshram	13
19.	Sheetal T. Gahane	11
20.	Shivani P. Gohane	07
21.	Sneha M. Khotale	AA
22.	Yashswini M. Borkar	05

Namrata Shukla



Dr. A.V. Gomashe

Signature of Teacher

Ms.Namrata Shukla

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc.) (Semester-I) Microbiology
Paper-II (Enzymology and Techniques)
UNIT TEST on Unit II**

Time: 60 min]

[Maximum Marks: 20

N.B. :- (1) All Questions are Compulsary.

Unit II

Q.1- Explain Active Site Determination and Mechanism of Lysozyme. 10

Q.2- Give a Brief note on acid -base catalysis, covalent catalysis, metal ion cofactors. 10



Signature of Teacher

Ms. Namrata Shukla



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

**Department of Microbiology
M.Sc. I Semester-I (2017-18)**

Microbiology Paper-III (Advance Techniques in Microbiology)

Result of Unit Test held on-4/09/2017 on Unit II

Name of the teacher:Ms. Vaishali Fulzele

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	11
2.	Akanksha G. Sapate	AA
3.	Anam A. Khan	16
4.	Ankita V. Telrandhe	15
5.	Khushboo Krishnani	13
6.	Niharika P. Deshpande	09
7.	Nikita A. Hiratkar	08
8.	Nikita N. Bhure	18
9.	Nishi Selote	14
10.	Nishigandha Kutemate	12
11.	Pallavi S. Patle	18
12.	Pooja V. Sonewane	11
13.	Prachi N. Dhaberao	12
14.	Preeti V. Balbudhe	16
15.	Prerna D. Tembhare	18
16.	Rashmi B. Hanwate	13
17.	Sarayu R. Mandpe	16
18.	Shama R. Meshram	14
19.	Sheetal T. Gahane	12
20.	Shivani P. Gohane	AA
21.	Sneha M. Khotele	AA
22.	Yashwini M. Borkar	05

Signature of Teacher

Ms. Vaishali Fulzele



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper III (Advance Techniques in Microbiology)
UNIT TEST on Unit II**

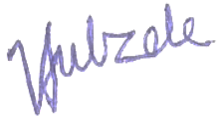
Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT II

- | | |
|-----------------------------------------------------------------|----|
| Q.1- Write a note on two dimensional gel electrophoresis | 10 |
| Q.2- Describe immunoelectrophoresis | 10 |



Signature of Teacher

Ms. Vaishali Fulzele



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

**Department of Microbiology
M.Sc. I Semester-I (2017-18)**

Microbiology Paper- III (Advance Techniques in Microbiology)

Result of Unit Test held on-19/09/2017 on Unit III

Name of the teacher: Ms.Vaishali Fulzele

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	18
2.	Akanksha G. Sapate	12
3.	Anam A. Khan	17
4.	Ankita V. Telrandhe	19
5.	Khushboo Krishnani	11
6.	Niharika P. Deshpande	14
7.	Nikita A. Hiratkar	09
8.	Nikita N. Bhure	11
9.	Nishi Selote	15
10.	Nishigandha Kutemate	12
11.	Pallavi S. Patle	17
12.	Pooja V. Sonewane	07
13.	Prachi N. Dhaberao	AA
14.	Preeti V. Balbudhe	16
15.	Prerna D. Tembhare	AA
16.	Rashmi B. Hanwate	17
17.	Sarayu R. Mandpe	AA
18.	Shama R. Meshram	12
19.	Sheetal T. Gahane	10
20.	Shivani P. Gohane	11
21.	Sneha M. Khotale	05
22.	Yashwini M. Borkar	09

Vaishali Fulzele

Signature of Teacher

Ms. Vaishali Fulzele



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper III (Advance Techniques in Microbiology)
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 FISH

10

Q.2- Explain SEM

10



Signature of Teacher

Ms. Vaishali Fulzele



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

**Department of Microbiology
M.Sc. I Semester-I (2017-18)**

Microbiology Paper -IV (Membrane Structure and Signal Transduction)

Result of Unit Test held on-12/08/2017 on Unit I

Name of the teacher:Ms. Anjali Sharma

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	13
2.	Akanksha G. Sapate	15
3.	Anam A. Khan	18
4.	Ankita V. Telrandhe	AA
5.	Khushboo Krishnani	10
6.	Niharika P. Deshpande	12
7.	Nikita A. Hiratkar	16
8.	Nikita N. Bhure	14
9.	Nishi Selote	12
10.	Nishigandha Kutemate	19
11.	Pallavi S. Patle	AA
12.	Pooja V. Sonewane	09
13.	Prachi N. Dhaberao	AA
14.	Preeti V. Balbudhe	15
15.	Prerna D. Tembhare	09
16.	Rashmi B. Hanwate	AA
17.	Sarayu R. Mandpe	11
18.	Shama R. Meshram	18
19.	Sheetal T. Gahane	17
20.	Shivani P. Gohane	10
21.	Sneha M. Khotale	10
22.	Yashwini M. Borkar	17

Anjali S.

Signature of Teacher

Ms. Anjali Sharma



A. V. Gomashe

Head of the Department

Dr. A.V. Gomashe

**HEAD
Department of Microbiology
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NAGPUR.**

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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-** Describe the structure and organization of prokaryotic membrane 10
- Q.2-** Explain electron microscopy method for membrane study 10



Signature of Teacher

Ms. Anjali Sharma



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

Department of Microbiology

M.Sc. I Semester-I (2017-18)

Microbiology Paper-IV (Membrane Structure and Signal Transduction)

Result of Unit Test held on -27/09/2017 on Unit IV

Name of the teacher: Ms.Anjali Sharma

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	16
2.	Akanksha G. Sapate	11
3.	Anam A. Khan	15
4.	Ankita V. Telrandhe	16
5.	Khushboo Krishnani	10
6.	Niharika P. Deshpande	11
7.	Nikita A. Hiratkar	AA
8.	Nikita N. Bhure	10
9.	Nishi Selote	12
10.	Nishigandha Kutemate	11
11.	Pallavi S. Patle	16
12.	Pooja V. Sonewane	09
13.	Prachi N. Dhaberao	13
14.	Preeti V. Balbudhe	15
15.	Prerna D. Tembhare	04
16.	Rashmi B. Hanwate	13
17.	Sarayu R. Mandpe	02
18.	Shama R. Meshram	11
19.	Sheetal T. Gahane	12
20.	Shivani P. Gohane	18
21.	Sneha M. Khotale	04
22.	Yashwini M. Borkar	AA

Anjali S.

Signature of Teacher

Ms. Anjali Sharma



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NAGPUR.

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper IV (Membrane Structure and Signal Transduction)
UNIT TEST on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT IV

- | | |
|-----------------------------------------------------------------------------|----|
| Q.1- Describe Basic two component system | 10 |
| Q.2- Explain sporulation as a model of bacterial signal transduction | 10 |



Signature of Teacher

Ms. Anjali Sharma



Head of the Department

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

Department of Microbiology

M.Sc. II Semester-III (2017-18)

Microbiology Paper I (Molecular Biology and Genetics)

Result of Unit Test held on-08/09/2017 on Unit III

Name of the teacher:Dr. Pranita Gulhane

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	14
2.	Ankita Khandekar	AA
3.	Apoorva Bhende	13
4.	Deepali Shende	AA
5.	Kajal Gothmare	11
6.	Kiran Bhasme	15
7.	Kunjan Patel	18
8.	Manisha Somkuwar	14
9.	Nikita Darunde	09
10.	Nikita Devghare	17
11.	Payal Sharnagat	12
12.	Piyush Sangatsaheb	19
13.	Priyanka Deotale	09
14.	Ritika Sen	06
15.	Roshan Shrikhande	17
16.	Sayali Jahagirdar	11
17.	Shruti Tanwar	16
18.	Suvarna Telrandhe	12
19.	Swetal Meshram	AA
20.	Tamanna Maloo	18
21.	Tejashree Dhavale	16
22.	Vaishnavi Labhshetwar	09

Signature of Teacher

Dr. Pranita Gulhane



Head of the Department

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2019-2020
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 chromatin remodeling | 10 |
| Q.2- Explain Trp operon | 10 |



Signature of Teacher

Dr. Pranita Gulhane

Head of the Department

Dr. A.V. Gomashe

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Science College, Congress Nagar,
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**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

Department of Microbiology

M.Sc. II Semester-III (2017-18)

Microbiology Paper I (Molecular Biology and Genetics)

Result of Unit Test held on-28/09/2017 on Unit IV

Name of the teacher: : Dr.Pranita Gulhane

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	17
2.	Ankita Khandekar	16
3.	Apoorva Bhende	13
4.	Deepali Shende	19
5.	Kajal Gothmare	12
6.	Kiran Bhasme	AA
7.	Kunjan Patel	09
8.	Manisha Somkuwar	12
9.	Nikita Darunde	09
10.	Nikita Devghare	11
11.	Payal Sharnagat	15
12.	Piyush Sangatsaheb	13
13.	Priyanka Deotale	AA
14.	Ritika Sen	06
15.	Roshan Shrikhande	12
16.	Sayali Jahagirdar	12
17.	Shruti Tanwar	16
18.	Suvarna Telrandhe	11
19.	Swetal Meshram	09
20.	Tamanna Maloo	AA
21.	Tejashree Dhavale	08
22.	Vaishnavi Labhshetwar	14

Signature of Teacher

Dr. Pranita Gulhane



Head of the Department

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NAGPUR.

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester III) MICROBIOLOGY
Paper I (Molecular Biology and Genetics)
UNIT TEST on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT IV

Q.1- Write a Detailed account on Transposons 10

Q.2- Discuss -Deletion mapping 10



Signature of Teacher

Dr. Pranita Gulhane



Head of the Department

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

Department of Microbiology

M.Sc. II Semester-III (2017-18)

Microbiology Paper-II (Recombinant DNA Technology and Nanobiotechnology)

Result of Unit Test held on-10/08/2017 on Unit I

Name of the teacher: Ms.Mayur Rohi

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	11
2.	Ankita Khandekar	17
3.	Apoorva Bhende	18
4.	Deepali Shende	12
5.	Kajal Gothmare	10
6.	Kiran Bhasme	10
7.	Kunjan Patel	AA
8.	Manisha Somkuwar	13
9.	Nikita Darunde	06
10.	Nikita Devghare	04
11.	Payal Sharnagat	16
12.	Piyush Sangatsaheb	14
13.	Priyanka Deotale	07
14.	Ritika Sen	04
15.	Roshan Shrikhande	15
16.	Sayali Jahagirdar	08
17.	Shruti Tanwar	18
18.	Suvarna Telrandhe	10
19.	Swetal Meshram	AA
20.	Tamanna Maloo	14
21.	Tejashree Dhavale	18
22.	Vaishnavi Labhshetwar	AA



Signature of Teacher

Ms.Mayur Rohi



Head of the Department

Dr. A.V. Gomashe

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S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2017-2018
M.Sc. IInd Year Semester III
Paper II (Recombinant DNA Technology and Nanobiotechnology)
Unit Test on Unit I

Time: 45 min

Maximum Marks: 20

All questions are compulsory

Q.1- Give an account on heterologous probes and oligonucleotide probes.

Q.2- Explain RT-PCR in detail



Signature of Teacher

Ms. Mayur Rohi



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

**Department of Microbiology
M.Sc. II Semester-III (2017-18)**

Microbiology Paper-II (Recombinant DNA Technology and Nanobiotechnology)

Result of Unit Test held on-23/08/2017 on Unit II

Name of the teacher: Ms.Mayur Rohi

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	09
2.	Ankita Khandekar	11
3.	Apoorva Bhende	16
4.	Deepali Shende	AA
5.	Kajal Gothmare	18
6.	Kiran Bhasme	09
7.	Kunjan Patel	07
8.	Manisha Somkuwar	12
9.	Nikita Darunde	03
10.	Nikita Devghare	19
11.	Payal Sharnagat	11
12.	Piyush Sangatsaheb	19
13.	Priyanka Deotale	09
14.	Ritika Sen	AA
15.	Roshan Shrikhande	16
16.	Sayali Jahagirdar	09
17.	Shruti Tanwar	14
18.	Suvarna Telrandhe	12
19.	Swetal Meshram	17
20.	Tamanna Maloo	15
21.	Tejashree Dhavale	13
22.	Vaishnavi Labhshetwar	AA



Signature of Teacher

Ms.Mayur Rohi



Head of the Department

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Science College, Congress Nagar,
NAGPUR.**

S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2017-2018
M.Sc. IInd Year Semester III
Paper II (Recombinant DNA Technology and Nanobiotechnology)
Unit Test on Unit II

Time: 45 min

Maximum Marks: 20

All questions are compulsory

- | | |
|------------------------------------------------------|----|
| Q.1- Explain DNA fingerprinting. | 10 |
| Q.2- Give a account on Nuclear run on transcription. | 10 |



Signature of Teacher

Ms.Mayur Rohi



Head of the Department

Dr. A.V. Gomashe

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NAGPUR.

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

Department of Microbiology

M.Sc. II Semester-III (2017-18)

Microbiology Paper-III (Microbial Diversity, Evolution and Ecology)

Result of Unit Test held on-11/08/2017 on Unit I

Name of the teacher: Ms.Mayur Rohi

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	07
2.	Ankita Khandekar	09
3.	Apoorva Bhende	11
4.	Deepali Shende	AA
5.	Kajal Gothmare	09
6.	Kiran Bhasme	18
7.	Kunjan Patel	16
8.	Manisha Somkuwar	13
9.	Nikita Darunde	17
10.	Nikita Devghare	AA
11.	Payal Sharnagat	19
12.	Piyush Sangatsaheb	14
13.	Priyanka Deotale	09
14.	Ritika Sen	15
15.	Roshan Shrikhande	17
16.	Sayali Jahagirdar	AA
17.	Shruti Tanwar	17
18.	Suvarna Telrandhe	10
19.	Swetal Meshram	AA
20.	Tamanna Maloo	17
21.	Tejashree Dhavale	11
22.	Vaishnavi Labhshetwar	06



Signature of Teacher

Ms.Mayur Rohi



Head of the Department

HEAD
Department of Microbiology
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NAGPUR.

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc.) (Semester-III) Microbiology
Paper III (Microbial Diversity, Evolution and Ecology)
UNIT TEST on Unit I**

Time: 60 min.]

[Maximum Marks:20

N.B. :- (1) All Questions are Compulsary.

Unit I

- Q.1-** Describe Mechanism of cell migration and Inflammation. 10
- Q.2-** Explain Central and Peripheral tolerance to self antigens. 10



Signature of Teacher

Ms. Mayur Rohi



Head of the Department

Dr. A.V. Gomashe

HEAD

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

Department of Microbiology

M.Sc. II Semester-III (2017-18)

Microbiology Paper-III (Microbial Diversity, Evolution and Ecology)

Result of Unit Test held on-31/08/2017 on Unit II

Name of the teacher: Ms.Mayur Rohi

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	11
2.	Ankita Khandekar	17
3.	Apoorva Bhende	03
4.	Deepali Shende	10
5.	Kajal Gothmare	17
6.	Kiran Bhasme	09
7.	Kunjan Patel	AA
8.	Manisha Somkuwar	18
9.	Nikita Darunde	12
10.	Nikita Devghare	19
11.	Payal Sharnagat	02
12.	Piyush Sangatsaheb	13
13.	Priyanka Deotale	09
14.	Ritika Sen	08
15.	Roshan Shrikhande	06
16.	Sayali Jahagirdar	18
17.	Shruti Tanwar	13
18.	Suvarna Telrandhe	12
19.	Swetal Meshram	AA
20.	Tamanna Maloo	13
21.	Tejashree Dhavale	17
22.	Vaishnavi Labhshetwar	08



Signature of Teacher

Ms.Mayur Rohi



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc.) (Semester-III) Microbiology
Paper III (Microbial Diversity, Evolution and Ecology)
UNIT TEST on Unit II**

Time: 60 min]

[Maximum Marks: 20

N.B. :- (1) All Questions are Compulsary.

Unit II

Q.1- Describe About Phylum Euryarchaeota. 10

Q.2- Explain in Detail about Nanoarchaeum. 10



Signature of Teacher

Ms. Mayur Rohi



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

Department of Microbiology

M.Sc. II Semester-III (2017-18)

Microbiology Paper IV (Drugs and Disease Management)

Result of Unit Test held on-21/08/2017 on Unit I

Name of the teacher:Ms. Diksha Zade

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	AA
2.	Ankita Khandekar	13
3.	Apoorva Bhende	15
4.	Deepali Shende	11
5.	Kajal Gothmare	AA
6.	Kiran Bhasme	08
7.	Kunjan Patel	17
8.	Manisha Somkuwar	16
9.	Nikita Darunde	13
10.	Nikita Devghare	17
11.	Payal Sharnagat	AA
12.	Piyush Sangatsaheb	17
13.	Priyanka Deotale	06
14.	Ritika Sen	16
15.	Roshan Shrikhande	15
16.	Sayali Jahagirdar	14
17.	Shruti Tanwar	13
18.	Suvarna Telrandhe	16
19.	Swetal Meshram	12
20.	Tamanna Maloo	18
21.	Tejashree Dhavale	19
22.	Vaishnavi Labhshetwar	AA



Diksha

Signature of Teacher

Ms. Diksha Zade

A. V. Gomashe

Head of the Department

Dr. A.V. Gomashe

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester III) MICROBIOLOGY
Paper IV (Drugs and Disease Management)
UNIT TEST on Unit I**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT I

- | | |
|------------------------------------------------|----|
| Q.1- Give the mechanism of drug action | 10 |
| Q.2- Write a note on carboxyl compounds | 10 |



Signature of Teacher

Ms. Diksha Zade



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

Department of Microbiology

M.Sc. II Semester-III (2017-18)

Microbiology Paper IV (Drugs and Disease Management)

Result of Unit Test held on-12/09/2017 on Unit II

Name of the teacher: : Ms.Diksha Zade

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	19
2.	Ankita Khandekar	14
3.	Apoorva Bhende	AA
4.	Deepali Shende	12
5.	Kajal Gothmare	14
6.	Kiran Bhasme	04
7.	Kunjan Patel	08
8.	Manisha Somkuwar	16
9.	Nikita Darunde	14
10.	Nikita Devghare	18
11.	Payal Sharnagat	02
12.	Piyush Sangatsaheb	15
13.	Priyanka Deotale	AA
14.	Ritika Sen	17
15.	Roshan Shrikhande	13
16.	Sayali Jahagirdar	19
17.	Shruti Tanwar	13
18.	Suvarna Telrandhe	AA
19.	Swetal Meshram	09
20.	Tamanna Maloo	12
21.	Tejashree Dhavale	16
22.	Vaishnavi Labhshetwar	16



Diksha

Signature of Teacher

Ms. Diksha Zade

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester III) MICROBIOLOGY
Paper IV (Drugs 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 10
- Q.2-** Explain in detail rifamycin and isoniazid 10



Signature of Teacher

Ms. Diksha Zade



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

Department of Microbiology

M.Sc. I Semester-II (2017-18)

Microbiology Paper-I (Microbial Methods for Environment Management)

Result of Unit Test held on- 13/01/2018 on Unit I

Name of the teacher: Ms.Vaidehi Chandorkar

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	10
2.	Akanksha G. Sapate	19
3.	Anam A. Khan	13
4.	Ankita V. Telrandhe	10
5.	Khushboo Krishnani	19
6.	Niharika P. Deshpande	08
7.	Nikita A. Hiratkar	AA
8.	Nikita N. Bhure	14
9.	Nishi Selote	13
10.	Nishigandha Kutemate	09
11.	Pallavi S. Patle	12
12.	Pooja V. Sonewane	11
13.	Prachi N. Dhaberao	10
14.	Preeti V. Balbudhe	18
15.	Prerna D. Tembhare	16
16.	Rashmi B. Hanwate	08
17.	Sarayu R. Mandpe	15
18.	Shama R. Meshram	13
19.	Sheetal T. Gahane	AA
20.	Shivani P. Gohane	17
21.	Sneha M. Khotale	15
22.	Yashswini M. Borkar	09



Signature of Teacher

Ms.Vaidehi Chandorkar



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc.) (Semester-II) Microbiology
Paper-I (Microbial Methods for Environment Management)
UNIT TEST on Unit I**

Time: 60 min.]

[Maximum Marks:20

N.B. :- (1) All Questions are Compulsary.

Unit I

- | | |
|--------------------------------------|-----------|
| Q.1-Explain Eutrophication. | 10 |
| Q.2-Explain Biomagnification. | 10 |



Signature of Teacher

Ms.Vaidehi Chandorkar



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

**Department of Microbiology
M.Sc. I Semester-II (2017-18)**

Microbiology Paper-I (Microbial Methods for Environment Management)

Result of Unit Test held on -27/02/2018 on Unit III

Name of the teacher:Ms. Vaidehi Chandorkar

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	19
2.	Akanksha G. Sapate	15
3.	Anam A. Khan	10
4.	Ankita V. Telrandhe	19
5.	Khushboo Krishnani	17
6.	Niharika P. Deshpande	AA
7.	Nikita A. Hiratkar	17
8.	Nikita N. Bhure	04
9.	Nishi Selote	09
10.	Nishigandha Kutemate	19
11.	Pallavi S. Patle	13
12.	Pooja V. Sonewane	14
13.	Prachi N. Dhaberao	16
14.	Preeti V. Balbudhe	18
15.	Purna D. Tembhare	15
16.	Rashmi B. Hanwate	AA
17.	Sarayu R. Mandpe	12
18.	Shama R. Meshram	05
19.	Sheetal T. Gahane	10
20.	Shivani P. Gohane	16
21.	Sneha M. Khotele	AA
22.	Yashwini M. Borkar	07



Signature of Teacher

Ms.Vaidehi Chandorkar



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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. :- (1) All Questions are Compulsary.

Unit III

- Q.1-Give a Brief account on waste water Management using Activated Sludge and aerated lagoons. 10
- Q.2-Write Down the Concept of Phytoremediation. 10



Signature of Teacher
Ms.Vaidehi Chandorkar



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

**Department of Microbiology
M.Sc. I Semester-II (2017-18)**

Microbiology Paper-II(Microbial Metabolites)

Result of Unit Test held on -15/01/2018 on Unit I

Name of the teacher:Ms. Namrata Shukla

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	18
2.	Akanksha G. Sapate	19
3.	Anam A. Khan	AA
4.	Ankita V. Telrandhe	19
5.	Khushboo Krishnani	14
6.	Niharika P. Deshpande	09
7.	Nikita A. Hiratkar	11
8.	Nikita N. Bhure	04
9.	Nishi Selote	03
10.	Nishigandha Kutemate	AA
11.	Pallavi S. Patle	11
12.	Pooja V. Sonewane	15
13.	Prachi N. Dhaberao	13
14.	Preeti V. Balbudhe	16
15.	Prerna D. Tembhare	17
16.	Rashmi B. Hanwate	05
17.	Sarayu R. Mandpe	13
18.	Shama R. Meshram	11
19.	Sheetal T. Gahane	18
20.	Shivani P. Gohane	17
21.	Sneha M. Khotele	13
22.	Yashwini M. Borkar	AA

Nshukla

Signature of Teacher

Ms.Namrata Shukla



Chandekar

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Department of Microbiology
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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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. :- (1) All Questions are Compulsary.

Unit I

Q.1- Give a Brief Account and functions of Polyamines. 10

Q.2- Write in Detail about polynucleotide and Polysaccharide. 10



Signature of Teacher

Ms.Namrata Shukla



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

**Department of Microbiology
M.Sc. I Semester-II (2017-18)**

Microbiology Paper-II (Microbial Metabolites)

Result of Unit Test held on-31/01/2018 on Unit II

Name of the teacher:Ms. Namrata Shukla

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	16
2.	Akanksha G. Sapate	15
3.	Anam A. Khan	17
4.	Ankita V. Telrandhe	10
5.	Khushboo Krishnani	AA
6.	Niharika P. Deshpande	06
7.	Nikita A. Hiratkar	15
8.	Nikita N. Bhure	12
9.	Nishi Selote	10
10.	Nishigandha Kutemate	11
11.	Pallavi S. Patle	02
12.	Pooja V. Sonewane	AA
13.	Prachi N. Dhaberao	10
14.	Preeti V. Balbudhe	17
15.	Prerna D. Tembhare	15
16.	Rashmi B. Hanwate	09
17.	Sarayu R. Mandpe	14
18.	Shama R. Meshram	17
19.	Sheetal T. Gahane	13
20.	Shivani P. Gohane	AA
21.	Sneha M. Khotale	17
22.	Yashwini M. Borkar	08

Nshukla



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Signature of Teacher

Ms.Namrata Shukla

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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. :- (1) All Questions are Compulsary.

Unit II

Q.1- Give a Mechanism of Action and Structure of Microlids. 10

Q.2- Explain Mechanism of action and Structure of Carbapenems. 10



Signature of Teacher

Ms.Namrata Shukla



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

Department of Microbiology
M.Sc. I Semester-II (2017-18)

Microbiology Paper III (Medical Microbiology and Parasitology)

Result of Unit Test held on-22/02/2018 on Unit II

Name of the teacher: Ms. Vaishali Fulzele

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	15
2.	Akanksha G. Sapate	16
3.	Anam A. Khan	11
4.	Ankita V. Telrandhe	16
5.	Khushboo Krishnani	15
6.	Niharika P. Deshpande	11
7.	Nikita A. Hiratkar	10
8.	Nikita N. Bhure	06
9.	Nishi Selote	AA
10.	Nishigandha Kutemate	AA
11.	Pallavi S. Patle	12
12.	Pooja V. Sonewane	12
13.	Prachi N. Dhaberao	18
14.	Preeti V. Balbudhe	10
15.	Prerna D. Tembhare	14
16.	Rashmi B. Hanwate	09
17.	Sarayu R. Mandpe	17
18.	Shama R. Meshram	15
19.	Sheetal T. Gahane	16
20.	Shivani P. Gohane	AA
21.	Sneha M. Khotele	17
22.	Yashwini M. Borkar	09

Vaishali Fulzele

Signature of Teacher

Ms. Vaishali Fulzele



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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-** Describe the life cycle of *Proteus vulgaris* 10
- Q.2-** Give the lab diagnosis and morphology of *Pseudomonas aeruginosa* 10

Fulzele



Chandekar

Signature of Teacher

Ms. Vaishali Fulzele

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

**Department of Microbiology
M.Sc. I Semester-II (2017-18)**

Microbiology Paper -III (Medical Microbiology and Parasitology)

Result of Unit Test held on-12/03/2018 on Unit III

Name of the teacher: Ms.Vaishali Fulzele

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	16
2.	Akanksha G. Sapate	AA
3.	Anam A. Khan	19
4.	Ankita V. Telrandhe	13
5.	Khushboo Krishnani	16
6.	Niharika P. Deshpande	15
7.	Nikita A. Hiratkar	10
8.	Nikita N. Bhure	09
9.	Nishi Selote	AA
10.	Nishigandha Kutemate	18
11.	Pallavi S. Patle	13
12.	Pooja V. Sonewane	15
13.	Prachi N. Dhaberao	14
14.	Preeti V. Balbudhe	19
15.	Prerna D. Tembhare	AA
16.	Rashmi B. Hanwate	09
17.	Sarayu R. Mandpe	12
18.	Shama R. Meshram	17
19.	Sheetal T. Gahane	16
20.	Shivani P. Gohane	15
21.	Sneha M. Khotele	12
22.	Yashwini M. Borkar	09

Signature of Teacher

Ms. Vaishali Fulzele



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester II) MICROBIOLOGY
Paper III (Medical Microbiology and Parasitology)
UNIT TEST on Unit III**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT III

- Q.1-** Give morphology and lab diagnosis of *Histoplasma capsulatum* 10
- Q.2-** Explain morphology and lab diagnosis of *Candida albicans* 10

Fulzele

Signature of Teacher

Ms. Vaishali Fulzele



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

**Department of Microbiology
M.Sc. I Semester-II (2017-18)**

Microbiology Paper-IV (Immunology and Immunodiagnostics)

Result of Unit Test held on -20/02/2018 on Unit III

Name of the teacher: Ms.Anjali Sharma

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	11
2.	Akanksha G. Sapate	19
3.	Anam A. Khan	17
4.	Ankita V. Telrandhe	10
5.	Khushboo Krishnani	11
6.	Niharika P. Deshpande	08
7.	Nikita A. Hiratkar	17
8.	Nikita N. Bhure	14
9.	Nishi Selote	18
10.	Nishigandha Kutemate	09
11.	Pallavi S. Patle	16
12.	Pooja V. Sonewane	13
13.	Prachi N. Dhaberao	17
14.	Preeti V. Balbudhe	19
15.	Prerna D. Tembhare	07
16.	Rashmi B. Hanwate	19
17.	Sarayu R. Mandpe	15
18.	Shama R. Meshram	AA
19.	Sheetal T. Gahane	11
20.	Shivani P. Gohane	07
21.	Sneha M. Khotele	05
22.	Yashwini M. Borkar	03

Anjali S.



Chandekar

Signature of Teacher

Ms.Anjali Sharma

Head of the Department

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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. :- (1) All Questions are Compulsary.

Unit III

Q.1- Write a note on Bruton's X-linked Hypogamma-Globulinemia . 10

Q.2- Describe the Mechanism of Type II and Type III Hyper-Sensitivity . 10

Anjali S.



Chandekar

Signature of Teacher

Ms.Anjali Sharma

Head of the Department

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.**

**Department of Microbiology
M.Sc. I Semester-II (2017-18)**

Microbiology Paper-IV (Immunology and Immunodiagnostics)

Result of Unit Test held on-23/03/2018 on Unit IV

Name of the teacher: Ms.Anjali Sharma

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	10
2.	Akanksha G. Sapate	19
3.	Anam A. Khan	13
4.	Ankita V. Telrandhe	10
5.	Khushboo Krishnani	19
6.	Niharika P. Deshpande	08
7.	Nikita A. Hiratkar	AA
8.	Nikita N. Bhure	14
9.	Nishi Selote	13
10.	Nishigandha Kutemate	09
11.	Pallavi S. Patle	12
12.	Pooja V. Sonewane	11
13.	Prachi N. Dhaberao	10
14.	Preeti V. Balbudhe	18
15.	Prerna D. Tembhare	16
16.	Rashmi B. Hanwate	08
17.	Sarayu R. Mandpe	15
18.	Shama R. Meshram	13
19.	Sheetal T. Gahane	AA
20.	Shivani P. Gohane	17
21.	Sneha M. Khotale	15
22.	Yashwini M. Borkar	09

Anjali S.



Prandekar

Signature of Teacher

Ms.Anjali Sharma

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc.) (Semester-II) Microbiology
Paper IV (Immunology and Immunodiagnostics)
Unit Test on Unit IV**

Time: 60 min]

[Maximum Marks: 20

N.B. :- (1) All Questions are Compulsary.

Unit IV

Q.1- Discuss Precipitation Reactions. 10

Q.2- Write a note on Chemiluminiscence immune assay. 10

Anjali S.

Signature of Teacher

Ms.Anjali Sharma



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

Department of Microbiology

M.Sc. II Semester-IV (2017-18)

Microbiology Paper I (Virology)

Result of Unit Test held on -31/01/2018 on Unit II

Name of the teacher: Ms.Vaishali Fulzele

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	18
2.	Ankita Khandekar	AA
3.	Apoorva Bhende	11
4.	Deepali Shende	09
5.	Kajal Gothmare	16
6.	Kiran Bhasme	13
7.	Kunjan Patel	11
8.	Manisha Somkuwar	18
9.	Nikita Darunde	15
10.	Nikita Devghare	13
11.	Payal Sharnagat	06
12.	Piyush Sangatsaheb	14
13.	Priyanka Deotale	AA
14.	Ritika Sen	16
15.	Roshan Shrikhande	12
16.	Sayali Jahagirdar	18
17.	Shruti Tanwar	15
18.	Suvarna Telrandhe	17
19.	Swetal Meshram	11
20.	Tamanna Maloo	09
21.	Tejashree Dhavale	11
22.	Vaishnavi Labhshetwar	16

Fulzele

Signature of Teacher

Ms.Vaishali Fulzele



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper I (Virology)
UNIT TEST on Unit II**

Time: 60 min

Maximum Marks: 20

All questions are compulsory

UNIT II

- | | |
|-----------------------------------------------------------------------|----|
| Q.1- Write a note on One step growth curve | 10 |
| Q.2- Explain maturation and release of phage particles process | 10 |



Signature of Teacher

Ms. Vaishali Fulzele



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

Department of Microbiology

M.Sc. II Semester-IV (2017-18)

Microbiology Paper I (Virology)

Result of Unit Test held on-17/02/2018 on Unit III

Name of the teacher: Ms.Vaishali fulzele

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	AA
2.	Ankita Khandekar	17
3.	Apoorva Bhende	18
4.	Deepali Shende	11
5.	Kajal Gothmare	14
6.	Kiran Bhasme	16
7.	Kunjan Patel	07
8.	Manisha Somkuwar	15
9.	Nikita Darunde	12
10.	Nikita Devghare	18
11.	Payal Sharnagat	06
12.	Piyush Sangatsaheb	AA
13.	Priyanka Deotale	17
14.	Ritika Sen	11
15.	Roshan Shrikhande	15
16.	Sayali Jahagirdar	09
17.	Shruti Tanwar	14
18.	Suvarna Telrandhe	18
19.	Swetal Meshram	11
20.	Tamanna Maloo	09
21.	Tejashree Dhavale	02
22.	Vaishnavi Labhshetwar	12

Vaishali Fulzele



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Signature of Teacher

Ms.Vaishali Fulzele

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper I (Virology)
UNIT TEST on Unit III**

Time: 60 min

Maximum Marks: 20

All questions are compulsory

UNIT III

- Q.1-** Write a note on Plant viruses 10M
- Q.2-** Explain Life cycle, pathogenesis and laboratory diagnosis of Papova viruse 10M

Vaishali Fulzele



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Ms. Vaishali Fulzele

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

Department of Microbiology

M.Sc. II Semester-IV (2017-18)

Microbiology Paper-II (Microbial Fermentation Technology)

Result of Unit Test held on -11/01/2018 on Unit I

Name of the teacher: Mr.Mayur Rohi

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	AA
2.	Ankita Khandekar	16
3.	Apoorva Bhende	09
4.	Deepali Shende	10
5.	Kajal Gothmare	15
6.	Kiran Bhasme	11
7.	Kunjan Patel	06
8.	Manisha Somkuwar	18
9.	Nikita Darunde	13
10.	Nikita Devghare	17
11.	Payal Sharnagat	09
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13.	Priyanka Deotale	15
14.	Ritika Sen	12
15.	Roshan Shrikhande	17
16.	Sayali Jahagirdar	AA
17.	Shruti Tanwar	16
18.	Suvarna Telrandhe	12
19.	Swetal Meshram	09
20.	Tamanna Maloo	16
21.	Tejashree Dhavale	14
22.	Vaishnavi Labhshetwar	12



Signature of Teacher

Mr.Mayur Rohi



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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 rheology of fermentation fluid. | 10 |
| Q.2- Explain in detail about types of fermentation | 10 |



Signature of Teacher

Mr. Mayur Rohi



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

Department of Microbiology

M.Sc. II Semester-IV (2017-18)

Microbiology Paper-II (Microbial Fermentation Technology)

Result of Unit Test held on-10/02/2018 on Unit II

Name of the teacher: Mr.Mayur Rohi

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	09
2.	Ankita Khandekar	11
3.	Apoorva Bhende	12
4.	Deepali Shende	AA
5.	Kajal Gothmare	07
6.	Kiran Bhasme	14
7.	Kunjan Patel	11
8.	Manisha Somkuwar	17
9.	Nikita Darunde	16
10.	Nikita Devghare	18
11.	Payal Sharnagat	12
12.	Piyush Sangatsaheb	06
13.	Priyanka Deotale	19
14.	Ritika Sen	09
15.	Roshan Shrikhande	AA
16.	Sayali Jahagirdar	08
17.	Shruti Tanwar	16
18.	Suvarna Telrandhe	11
19.	Swetal Meshram	18
20.	Tamanna Maloo	08
21.	Tejashree Dhavale	05
22.	Vaishnavi Labhshetwar	11



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Mr.Mayur Rohi



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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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 oxygen transfer kinetics | 10M |
| Q.2- Explain the difference between chemostat and turbidostat | 10M |



Signature of Teacher

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

Department of Microbiology

M.Sc. II Semester-IV (2017-18)

Microbiology Paper III (Microbial Diversity Evolution and Ecology II)

Result of Unit Test held on-03/03/2018 on Unit III

Name of the teacher:Ms.Diksha Zade

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	12
2.	Ankita Khandekar	18
3.	Apoorva Bhende	AA
4.	Deepali Shende	19
5.	Kajal Gothmare	14
6.	Kiran Bhasme	12
7.	Kunjan Patel	16
8.	Manisha Somkuwar	AA
9.	Nikita Darunde	06
10.	Nikita Devghare	16
11.	Payal Sharnagat	14
12.	Piyush Sangatsaheb	09
13.	Priyanka Deotale	14
14.	Ritika Sen	13
15.	Roshan Shrikhande	11
16.	Sayali Jahagirdar	19
17.	Shruti Tanwar	05
18.	Suvarna Telrandhe	14
19.	Swetal Meshram	16
20.	Tamanna Maloo	03
21.	Tejashree Dhavale	17
22.	Vaishnavi Labhshetwar	AA



Diksha

Signature of Teacher

Ms.Diksha Zade

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Head of the Department

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S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2017-2018
M.Sc. II Year Semester IV
Paper III (Microbial Diversity Evolution and Ecology II)
Unit Test on Unit III

Time: 60 min

Maximum Marks: 20

N.B.: All questions are compulsory

Q.1- Write a note on Genotype Frequency. 10

Q.2- Describe in detail about Natural Selection 10



Diksha

Signature of Teacher

Ms.Diksha Zade

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

Department of Microbiology

M.Sc. II Semester-IV (2017-18)

Microbiology Paper III (Microbial Diversity Evolution and Ecology II)

Result of Unit Test held on-23/03/2018 on Unit IV

Name of the teacher: Ms.Diksha Zade

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	10
2.	Ankita Khandekar	AA
3.	Apoorva Bhende	19
4.	Deepali Shende	14
5.	Kajal Gothmare	12
6.	Kiran Bhasme	02
7.	Kunjan Patel	13
8.	Manisha Somkuwar	17
9.	Nikita Darunde	11
10.	Nikita Devghare	15
11.	Payal Sharnagat	12
12.	Piyush Sangatsaheb	08
13.	Priyanka Deotale	12
14.	Ritika Sen	18
15.	Roshan Shrikhande	AA
16.	Sayali Jahagirdar	12
17.	Shruti Tanwar	07
18.	Suvarna Telrandhe	19
19.	Swetal Meshram	14
20.	Tamanna Maloo	06
21.	Tejashree Dhavale	13
22.	Vaishnavi Labhshetwar	16



Diksha

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Ms.Diksha Zade

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S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2017-2018
M.Sc. II Year Semester IV
Paper III (Microbial Diversity Evolution and Ecology II)
Unit Test on Unit IV

Time: 60 min

Maximum Marks: 20

N.B.: All questions are compulsory

Q.1- Discuss In detail Competition and Coexistence. 10

Q.2- Write about microbial technology sustainable development. 10



Signature of Teacher

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

Department of Microbiology

M.Sc. II Semester-IV (2017-18)

Microbiology Paper IV (Vaccines and Delivery System)

Result of Unit Test held on-24/01/2018 on Unit I

Name of the teacher: Mr. Mayur Rohi

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	07
2.	Ankita Khandekar	10
3.	Apoorva Bhende	18
4.	Deepali Shende	14
5.	Kajal Gothmare	17
6.	Kiran Bhasme	AA
7.	Kunjan Patel	10
8.	Manisha Somkuwar	15
9.	Nikita Darunde	19
10.	Nikita Devghare	13
11.	Payal Sharnagat	15
12.	Piyush Sangatsaheb	AA
13.	Priyanka Deotale	13
14.	Ritika Sen	11
15.	Roshan Shrikhande	18
16.	Sayali Jahagirdar	12
17.	Shruti Tanwar	AA
18.	Suvarna Telrandhe	18
19.	Swetal Meshram	15
20.	Tamanna Maloo	AA
21.	Tejashree Dhavale	12
22.	Vaishnavi Labhshetwar	18



Signature of Teacher

Mr. Mayur Rohi



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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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

- | | |
|----------------------------------------------------------|----|
| Q.1- Give a detail on Exhaltation and Attenuation | 10 |
| Q.2- Explain in detail DNA Vaccine. | 10 |



Signature of Teacher

Mr. Mayur Rohi



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

Department of Microbiology

M.Sc. II Semester-IV (2017-18)

Microbiology Paper IV (Vaccines and Delivery System)

Result of Unit Test held on -16/02/2018 on Unit II

Name of the teacher: Mr. Mayur Rohi

Sr.No.	Name	Marks Out of 20
1.	Abhilasha Khadse	09
2.	Ankita Khandekar	11
3.	Apoorva Bhende	12
4.	Deepali Shende	AA
5.	Kajal Gothmare	07
6.	Kiran Bhasme	14
7.	Kunjan Patel	11
8.	Manisha Somkuwar	17
9.	Nikita Darunde	16
10.	Nikita Devghare	18
11.	Payal Sharnagat	12
12.	Piyush Sangatsaheb	06
13.	Priyanka Deotale	19
14.	Ritika Sen	09
15.	Roshan Shrikhande	AA
16.	Sayali Jahagirdar	08
17.	Shruti Tanwar	16
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19.	Swetal Meshram	18
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Science College, Congress Nagar, Nagpur
Academic Session 2017-2018
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.

- | | |
|---------------------------------------------------------|----|
| Q.1- Explain in detail BCG Vaccine. | 10 |
| Q.2- Give a detail account on Influenza Vaccine. | 10 |



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