

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

**Department of Microbiology
M.Sc. I Semester-I (2018-19)**

Microbiology Paper- I (Microbial Metabolism)

Result of Unit Test held on -14/09/2018 on Unit III

Name of the teacher: Ms. Sadiya Deshmukh

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	18
2.	Akanksha Shende	13
3.	Ashish Nanhe	15
4.	Dhanashree Dhote	09
5.	Diksha Bhanuse	04
6.	Kanchan Madavi	16
7.	Lavanya Shriramwar	16
8.	Monika Singh	12
9.	Muskan Harde	10
10.	Pooja Karemore	AA
11.	Pratiksha Mahurkar	18
12.	Rakshit Bolke	16
13.	Rita Walthare	11
14.	Ruchika Sadawarte	18
15.	Sakshi Barad	18
16.	Sanskriti Kukade	08
17.	Sayli Shetiye	15
18.	Shital Bante	17
19.	Shivani Chaurikar	09
20.	Yogesh Ninawe	AA
21.	Zarina Ansari	AA

Sadiya



Chandekar

Signature of Teacher

Ms. Sadiya Deshmukh

**Head of the Department
Dr. Chandekar**

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper I (Microbial Metabolism)
UNIT TEST on Unit III**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT III

- Q.1-** Explain Hydrogen oxidation. 10
- Q.2-** Describe cyanobacterial oxygen photosynthesis 10

Sadiya

Signature of Teacher

Ms. Sadiya Deshmukh



Chandekar

Head of the Department

Dr. Chandekar

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

**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 -3/10/2018 on Unit IV

Name of the teacher: Ms. Sadiya Deshmukh

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	10
2.	Akanksha Shende	03
3.	Ashish Nanhe	08
4.	Dhanashree Dhote	12
5.	Diksha Bhanuse	14
6.	Kanchan Madavi	18
7.	Lavanya Shriramwar	AA
8.	Monika Singh	16
9.	Muskan Harde	18
10.	Pooja Karemore	15
11.	Pratiksha Mahurkar	11
12.	Rakshit Bolke	13
13.	Rita Walthare	19
14.	Ruchika Sadawarte	16
15.	Sakshi Barad	15
16.	Sanskriti Kukade	13
17.	Sayli Shetiye	17
18.	Shital Bante	19
19.	Shivani Chaurikar	07
20.	Yogesh Ninawe	12
21.	Zarina Ansari	09

**Signature of Teacher
Ms. Sadiya Deshmukh**



Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper I (Microbial Metabolism)
UNIT TEST on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT IV

- | | |
|---|----|
| Q.1- Write a note on Sulphur Reduction | 10 |
| Q.2- Explain Nitrate reduction and denitrification | 10 |



**Signature of Teacher
Ms. Sadiya Deshmukh**



**Head of the Department
Dr. Chandekar**

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

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

Department of Microbiology

M.Sc. I Semester-I (2018-19)

Microbiology Paper-II (Enzymology and Techniques)

Result of Unit Test held on-18/08/2018

on Unit I

Name of the teacher:Ms.Shikha Soni

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	19
2.	Akanksha Shende	12
3.	Ashish Nanhe	AA
4.	Dhanashree Dhote	15
5.	Diksha Bhanuse	17
6.	Kanchan Madavi	14
7.	Lavanya Shriramwar	16
8.	Monika Singh	19
9.	Muskan Harde	AA
10.	Pooja Karemore	19
11.	Pratiksha Mahurkar	05
12.	Rakshit Bolke	14
13.	Rita Walthare	13
14.	Ruchika Sadawarte	AA
15.	Sakshi Barad	19
16.	Sanskriti Kukade	02
17.	Sayli Shetiye	18
18.	Shital Bante	05
19.	Shivani Chaurikar	16
20.	Yogesh Ninawe	14
21.	Zarina Ansari	06

Shikha



Chandekar

**Head of the Department
Dr. Chandekar**

Signature of Teacher

Ms.Shikha Soni

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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- Write Down

- | | |
|---|-----------|
| A) Kinetics of Bisubstrate reaction. | 10 |
| B) classification of enzymes. | 10 |



Signature of Teacher

Ms.Shikha Soni



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. I Semester-I (2018-19)

Microbiology Paper-II (Enzymology and Techniques)

Result of Unit Test held on-27/09/2018

on Unit III

Name of the teacher: Ms.Shikha Soni

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	09
2.	Akanksha Shende	AA
3.	Ashish Nanhe	12
4.	Dhanashree Dhote	17
5.	Diksha Bhanuse	15
6.	Kanchan Madavi	13
7.	Lavanya Shriramwar	09
8.	Monika Singh	15
9.	Muskan Harde	18
10.	Pooja Karemore	14
11.	Pratiksha Mahurkar	13
12.	Rakshit Bolke	13
13.	Rita Walthare	18
14.	Ruchika Sadawarte	13
15.	Sakshi Barad	12
16.	Sanskriti Kukade	11
17.	Sayli Shetiye	17
18.	Shital Bante	18
19.	Shivani Chaurikar	AA
20.	Yogesh Ninawe	14
21.	Zarina Ansari	15



**Signature of Teacher
Ms.Shikha Soni**



Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc.) (Semester-I) Microbiology
Paper-II (Enzymology and Techniques)
Unit Test on Unit III**

Time: 60min]

[Maximum Marks: 20

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

Unit III

- Q.1-** Explain Kinetic analysis of allosteric enzymes. 10
- Q.2-** Give an account on Feed-back inhibition. 10



Signature of the Teacher

Ms.Shikha Soni



Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. I Semester-I (2018-19)**

Microbiology Paper III (Advance Techniques in Microbiology)

Result of Unit Test held on - 29/09/2018 on Unit III

Name of the teacher: Dr.Pranita Gulhane

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	AA
2.	Akanksha Shende	12
3.	Ashish Nanhe	15
4.	Dhanashree Dhote	13
5.	Diksha Bhanuse	17
6.	Kanchan Madavi	12
7.	Lavanya Shriramwar	06
8.	Monika Singh	16
9.	Muskan Harde	14
10.	Pooja Karemore	13
11.	Pratiksha Mahurkar	18
12.	Rakshit Bolke	14
13.	Rita Walthare	12
14.	Ruchika Sadawarte	11
15.	Sakshi Barad	16
16.	Sanskruiti Kukade	AA
17.	Sayli Shetiye	03
18.	Shital Bante	15
19.	Shivani Chaurikar	09
20.	Yogesh Ninawe	AA
21.	Zarina Ansari	14

Gulhane



Chandekar

Signature of the Teacher

Dr.Pranita Gulhane

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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- Describe in detail about confocal microscopy 10

Q.2- Write a note on TEM 10



Gulhane

Signature of Teacher

Dr. Pranita Gulhane

Chandekar

Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. I Semester-I (2018-19)**

Microbiology Paper III (Advance Techniques in Microbiology)

Result of Unit Test held on -15/10/2018 on Unit IV

Name of the teacher: Dr.Pranita Gulhane

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	13
2.	Akanksha Shende	05
3.	Ashish Nanhe	15
4.	Dhanashree Dhote	14
5.	Diksha Bhanuse	16
6.	Kanchan Madavi	12
7.	Lavanya Shriramwar	04
8.	Monika Singh	AA
9.	Muskan Harde	13
10.	Pooja Karemore	15
11.	Pratiksha Mahurkar	12
12.	Rakshit Bolke	AA
13.	Rita Walthare	17
14.	Ruchika Sadawarte	12
15.	Sakshi Barad	18
16.	Sanskriti Kukade	07
17.	Sayli Shetiye	AA
18.	Shital Bante	14
19.	Shivani Chaurikar	06
20.	Yogesh Ninawe	13
21.	Zarina Ansari	13

Gulhane

Signature of Teacher

Dr.Pranita Gulhane



Chandekar

**Head of the Department
Dr. Chandekar**

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper III (Advance Techniques in Microbiology)
UNIT TEST on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT IV

- Q.1-** Describe in short Northern blotting 10
- Q.2-** Write about transcriptional start point mapping 10

Gulhane



Chandekar

Signature of Teacher

Dr. Pranita Gulhane

Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. I Semester-I (2018-19)

Microbiology Paper IV (Membrane Structure and Signal Transduction)

Result of Unit Test held on -30/08/2018

on Unit I

Name of the teacher: Ms.Anjali Sharma

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	14
2.	Akanksha Shende	00
3.	Ashish Nanhe	12
4.	Dhanashree Dhote	16
5.	Diksha Bhanuse	13
6.	Kanchan Madavi	11
7.	Lavanya Shriramwar	AA
8.	Monika Singh	AA
9.	Muskan Harde	17
10.	Pooja Karemore	13
11.	Pratiksha Mahurkar	12
12.	Rakshit Bolke	06
13.	Rita Walthare	14
14.	Ruchika Sadawarte	AA
15.	Sakshi Barad	16
16.	Sanskruiti Kukade	09
17.	Sayli Shetiye	05
18.	Shital Bante	12
19.	Shivani Chaurikar	AA
20.	Yogesh Ninawe	16
21.	Zarina Ansari	12

Anjali S.



Chandekar

**Signature of Teacher
Ms.Anjali Sharma**

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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 endoplasmic reticulum 10
- Q.2-** Explain fluorescence photobleaching recovery method 10

Anjali S.



Chandekar

Signature of Teacher

Ms.Anjali Sharma

Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. I Semester-I (2018-19)

Microbiology Paper IV (Membrane Structure and Signal Transduction)

Result of Unit Test held on -29/09/2018

on Unit III

Name of the teacher: Ms.Anjali Sharma

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	08
2.	Akanksha Shende	03
3.	Ashish Nanhe	16
4.	Dhanashree Dhote	12
5.	Diksha Bhanuse	18
6.	Kanchan Madavi	12
7.	Lavanya Shriramwar	AA
8.	Monika Singh	09
9.	Muskan Harde	15
10.	Pooja Karemore	14
11.	Pratiksha Mahurkar	13
12.	Rakshit Bolke	04
13.	Rita Walthare	13
14.	Ruchika Sadawarte	19
15.	Sakshi Barad	AA
16.	Sanskriti Kukade	12
17.	Sayli Shetiye	09
18.	Shital Bante	AA
19.	Shivani Chaurikar	11
20.	Yogesh Ninawe	11
21.	Zarina Ansari	13

Anjali S.



Chandekar

Signature of Teacher

Ms.Anjali Sharma

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester- I) MICROBIOLOGY
Paper IV (Membrane Structure and Signal Transduction)
UNIT TEST on Unit III**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT III

Q.1- Give the general concept of cell signaling 10

Q.2- Describe downregulation of pathways 10

Anjali S.



Chandekar

Signature of Teacher

Head of the Department

Ms. Anjali Sharma

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. II Semester-III (2018-19)**

Microbiology Paper I (Molecular Biology and Genetics)

Result of Unit Test held on -17/09/2018 on Unit III

Name of the teacher: Ms.Sadiya Deshmukh

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

Signature of the Teacher

Ms.Sadiya Deshmukh



Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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- Explain Lac Operon | 10 |
| Q.2- Write a note on protein degradation control | 10 |



Signature of Teacher

Ms.Sadiya Deshmukh



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. II Semester-III (2018-19)

Microbiology Paper I (Molecular Biology and Genetics)

Result of Unit Test held on -06/10/2018 on Unit IV

Name of the teacher: Ms.Sadiya Deshmukh

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



Signature of Teacher

Ms.Sadiya Deshmukh



Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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 note on Transposons | 10 |
| Q.2- Explain deletion mapping | 10 |



Signature of Teacher

Ms.Sadiya Deshmukh



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. II Semester-III (2018-19)

**Microbiology Paper II (Recombinant DNA Technology and
Nanobiotechnology)**

Result of Unit Test held on-21/08/2018

on Unit I

Name of the Teacher: Ms.Shikha Soni

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	01
2.	Akanksha G. Sapate	12
3.	Anam A. Khan	16
4.	Ankita V. Telrandhe	19
5.	Khushboo Krishnani	06
6.	Niharika P. Deshpande	13
7.	Nikita A. Hiratkar	AA
8.	Nikita N. Bhure	16
9.	Nishi Selote	09
10.	NishigandhaKutemate	17
11.	Pallavi S. Patle	16
12.	Pooja V. Sonewane	15
13.	Prachi N. Dhaberao	AA
14.	Preeti V. Balbudhe	05
15.	Prerna D. Tembhare	14
16.	Rashmi B. Hanwate	17
17.	Sarayu R. Mandpe	13
18.	Shama R. Meshram	13
19.	Sheetal T. Gahane	12
20.	Shivani P. Gohane	06
21.	Sneha M. Khotete	15

Shikha



Chandekar

Signature of Teacher

Ms.Shikha Soni

Head of the Department

Dr. Chandekar

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

S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2018-2019
M.Sc. IInd Year Semester III
Paper II (Recombinant DNA Technology and Nanobiotechnology)
Unit Test on Unit I

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

Q.1- Write a difference between cDNA library and chromosome libraries. 10

Q.2- Explain Screening and identification of genes. 10



Signature of Teacher

Ms. Shikha Soni



Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. II Semester-III (2018-19)**

**Microbiology Paper II (Recombinant DNA Technology and
Nanobiotechnology)**

Result of Unit Test held on - 31/08/2018 on Unit II

Name of the Teacher: : Ms.Shikha Soni

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



Signature of Teacher

Ms.Shikha Soni



Head of the Department

Dr. Chandekar

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

S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2018-2019
M.Sc. IInd Year Semester III
Paper II (Recombinant DNA Technology and Nanobiotechnology)
Unit Test on Unit II

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

- Q.1-** Explain the DNA sequencing dideoxy and pyrosequencing. 10
- Q.2-** What is primer expressions? 10



Signature of Teacher

Ms.Shikha Soni



Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. II Semester-III (2018-19)**

Microbiology Paper III (Microbial Diversity, Evolution and Ecology)

Result of Unit Test held on -22/09/2018 on Unit II

Name of the teacher: Dr. Pranita Gulhane

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	12
2.	Akanksha G. Sapate	18
3.	Anam A. Khan	16
4.	Ankita V. Telrandhe	19
5.	Khushboo Krishnani	AA
6.	Niharika P. Deshpande	16
7.	Nikita A. Hiratkar	13
8.	Nikita N. Bhure	09
9.	Nishi Selote	04
10.	NishigandhaKutemate	AA
11.	Pallavi S. Patle	15
12.	Pooja V. Sonewane	18
13.	Prachi N. Dhaberao	12
14.	Preeti V. Balbudhe	08
15.	Prerna D. Tembhare	AA
16.	Rashmi B. Hanwate	02
17.	Sarayu R. Mandpe	16
18.	Shama R. Meshram	14
19.	Sheetal T. Gahane	13
20.	Shivani P. Gohane	12
21.	Sneha M. Khotete	05

Pulhane

Signature of Teacher

Dr. Pranita Gulhane



Chandekar

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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 Crenarchaeota. 10

Q.2- Explain in Detail about Heat stable biomolecules and extremophiles. 10



Signature of the Teacher

Dr. Pranita Gulhane



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. II Semester-III (2018-19)

Microbiology Paper III (Microbial Diversity, Evolution and Ecology)

Result of Unit Test held on -01/10/2018

on Unit III

Name of the teacher: Dr. Pranita Gulhane

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	19
2.	Akanksha G. Sapate	AA
3.	Anam A. Khan	17
4.	Ankita V. Telrandhe	14
5.	Khushboo Krishnani	03
6.	Niharika P. Deshpande	09
7.	Nikita A. Hiratkar	18
8.	Nikita N. Bhure	11
9.	Nishi Selote	07
10.	NishigandhaKutemate	AA
11.	Pallavi S. Patle	16
12.	Pooja V. Sonewane	12
13.	Prachi N. Dhaberao	18
14.	Preeti V. Balbudhe	08
15.	Prerna D. Tembhare	14
16.	Rashmi B. Hanwate	12
17.	Sarayu R. Mandpe	17
18.	Shama R. Meshram	11
19.	Sheetal T. Gahane	15
20.	Shivani P. Gohane	18
21.	Sneha M. Khotete	06

Pulhane

Signature of the Teacher

Dr. Pranita Gulhane



Chandekar

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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. :- (1) All Questions are Compulsary.

Unit III

Q.1- Write a note on Phylum-Verrucomicrobia. 10

Q.2- Describe in detail about Cyanobacteria 10



Signature of the Teacher

Dr. Pranita Gulhane



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. II Semester-III (2018-19)

Microbiology Paper IV (Drugs and Disease Management)

Result of Unit Test held on -24/08/2018

on Unit I

Name of the teacher: Ms.Anjali Sharma

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	14
2.	Akanksha G. Sapate	09
3.	Anam A. Khan	13
4.	Ankita V. Telrandhe	15
5.	Khushboo Krishnani	06
6.	Niharika P. Deshpande	02
7.	Nikita A. Hiratkar	AA
8.	Nikita N. Bhure	13
9.	Nishi Selote	17
10.	NishigandhaKutemate	08
11.	Pallavi S. Patle	15
12.	Pooja V. Sonewane	18
13.	Prachi N. Dhaberao	AA
14.	Preeti V. Balbudhe	18
15.	Prerna D. Tembhare	12
16.	Rashmi B. Hanwate	14
17.	Sarayu R. Mandpe	18
18.	Shama R. Meshram	12
19.	Sheetal T. Gahane	AA
20.	Shivani P. Gohane	12
21.	Sneha M. Khotele	05

Anjali S.

Signature of the Teacher
Ms.Anjali Sharma



Chandekar

Head of the Department
Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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-** Describe the drug-microbe host relationship 10
- Q.2-** Write a note on carboxyl compounds 10

Anjali S.

Signature of Teacher

Ms.Anjali Sharma



Chandekar

Head of the Department

Dr. Chandekar

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

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR.
Department of Microbiology
M.Sc. II Semester-III (2018-19)
Microbiology Paper IV (Drugs and Disease Management)**

**Result of Unit Test held on -3/10/2018 on Unit III
Name of the teacher: Ms.Anjali Sharma**

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

Anjali S.

Signature of Teacher

Ms.Anjali Sharma



Chandekar

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester III) MICROBIOLOGY
Paper IV (Drugs and Disease Management)
UNIT TEST on Unit III**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT III

- Q.1-** Explain the mechanism of action of chloroquine 10
- Q.2-** Write a note on metronidazole 10



Anjali S.

Signature of Teacher

Ms.Anjali Sharma

Chandekar

Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. I Semester-II (2018-19)

Microbiology Paper-I (Microbial Methods for Environment Management)

Result of Unit Test held on-10/01/2019

on Unit I

Name of the teacher: Ms. Namrata Shukla

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	12
2.	Akanksha Shende	13
3.	Ashish Nanhe	16
4.	Dhanashree Dhote	17
5.	Diksha Bhanuse	14
6.	Kanchan Madavi	18
7.	Lavanya Shriramwar	05
8.	Monika Singh	06
9.	Muskan Harde	12
10.	Pooja Karemore	18
11.	Pratiksha Mahurkar	12
12.	Rakshit Bolke	01
13.	Rita Walthare	12
14.	Ruchika Sadawarte	16
15.	Sakshi Barad	09
16.	Sanskriti Kukade	AA
17.	Sayli Shetiye	03
18.	Shital Bante	11
19.	Shivani Chaurikar	AA
20.	Yogesh Ninawe	10
21.	Zarina Ansari	AA

Nshukla

Signature of Teacher

Ms. Namrata Shukla



Chandekar

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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-Describe about Biodeterioration. 10
- Q.2-Explain Biomagnification of Chlorinated hydrocarbon. 10

Nshukla

Signature of the Teacher

Ms. Namrata Shukla



Chandekar

Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. I Semester-II (2018-19)**

Microbiology Paper-I (Microbial Methods for Environment Management)

**Result of Unit Test held on-31/01/2019 on Unit II
Name of the teacher: Ms. Namrata Shukla**

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	03
2.	Akanksha Shende	AA
3.	Ashish Nanhe	13
4.	Dhanashree Dhote	11
5.	Diksha Bhanuse	16
6.	Kanchan Madavi	13
7.	Lavanya Shriramwar	07
8.	Monika Singh	AA
9.	Muskan Harde	12
10.	Pooja Karemore	16
11.	Pratiksha Mahurkar	11
12.	Rakshit Bolke	09
13.	Rita Walthare	17
14.	Ruchika Sadawarte	13
15.	Sakshi Barad	07
16.	Sanskriti Kukade	11
17.	Sayli Shetiye	10
18.	Shital Bante	03
19.	Shivani Chaurikar	12
20.	Yogesh Ninawe	AA
21.	Zarina Ansari	03

Nshukla

Signature of the Teacher

Ms. Namrata Shukla



Chandekar

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc.) (Semester-II) Microbiology
Paper-I (Microbial Methods for Environment Management)
UNIT TEST on Unit II**

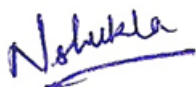
Time: 60 min]

[Maximum Marks: 20

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

Unit II

- Q.1-Explain Biotransformation of Mercury. 10**
- Q.2-Describe Leaching Techniques and its Application. 10**



Signature of the Teacher

Ms. Namrata Shukla



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. I Semester-II (2018-19)

Microbiology Paper II (Microbial Metabolites)

Result of Unit Test held on-30/01/2019 on Unit II

Name of the teacher: Ms. Vaidehi Chandorkar

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	04
2.	Akanksha Shende	12
3.	Ashish Nanhe	16
4.	Dhanashree Dhote	12
5.	Diksha Bhanuse	17
6.	Kanchan Madavi	07
7.	Lavanya Shriramwar	14
8.	Monika Singh	12
9.	Muskan Harde	16
10.	Pooja Karemore	13
11.	Pratiksha Mahurkar	01
12.	Rakshit Bolke	18
13.	Rita Walthare	14
14.	Ruchika Sadawarte	AA
15.	Sakshi Barad	11
16.	Sanskriti Kukade	17
17.	Sayli Shetiye	AA
18.	Shital Bante	06
19.	Shivani Chaurikar	14
20.	Yogesh Ninawe	10
21.	Zarina Ansari	11



Signature of the Teacher
Ms. Vaidehi Chandorkar



Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc.) (Semester-II) Microbiology
Paper II (Microbial Metabolites)
UNIT TEST on Unit II**

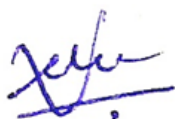
Time: 60 min]

[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 the Teacher

Ms. Vaidehi Chandorkar



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. I Semester-II (2018-19)

Microbiology Paper II (Microbial Metabolites)

Result of Unit Test held on -08/03/2019 on Unit III

Name of the teacher: Ms. Vaidehi Chandorkar

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	AA
2.	Akanksha Shende	08
3.	Ashish Nanhe	12
4.	Dhanashree Dhote	16
5.	Diksha Bhanuse	17
6.	Kanchan Madavi	15
7.	Lavanya Shriramwar	07
8.	Monika Singh	AA
9.	Muskan Harde	12
10.	Pooja Karemore	18
11.	Pratiksha Mahurkar	AA
12.	Rakshit Bolke	06
13.	Rita Walthare	14
14.	Ruchika Sadawarte	14
15.	Sakshi Barad	05
16.	Sanskruti Kukade	13
17.	Sayli Shetiye	13
18.	Shital Bante	16
19.	Shivani Chaurikar	17
20.	Yogesh Ninawe	07
21.	Zarina Ansari	15

Signature of the Teacher

Ms. Vaidehi Chandorkar



Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc.) (Semester-II) Microbiology
Paper II (Microbial Metabolites)
Unit Test on Unit III**

Time: 60 min]

[Maximum Marks: 20

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

Unit III

Q.1- Explain in Detail Melanin and bile pigments. 10

Q.2- Write a Detail note on Carotinoids of Prokaryotes. 10



Signature of the Teacher

Ms. Vaidehi Chandorkar



Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. I Semester-II (2018-19)**

Microbiology Paper III (Medical Microbiology and Parasitology)

**Result of Unit Test held on -22/03/2019 on Unit III
Name of the teacher: Dr.Pranita Gulhane**

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	09
2.	Akanksha Shende	05
3.	Ashish Nanhe	13
4.	Dhanashree Dhote	04
5.	Diksha Bhanuse	11
6.	Kanchan Madavi	AA
7.	Lavanya Shriramwar	04
8.	Monika Singh	11
9.	Muskan Harde	15
10.	Pooja Karemore	18
11.	Pratiksha Mahurkar	05
12.	Rakshit Bolke	04
13.	Rita Walthare	13
14.	Ruchika Sadawarte	18
15.	Sakshi Barad	09
16.	Sanskriti Kukade	14
17.	Sayli Shetiye	13
18.	Shital Bante	12
19.	Shivani Chaurikar	18
20.	Yogesh Ninawe	AA
21.	Zarina Ansari	05

Gulhane



Chandekar

**Head of the Department
Dr. Chandekar**

Signature of the Teacher

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 2018-2019
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 the lab diagnosis and morphology of *Candida albicans* 10
- Q.2-** Give the life cycle of *Cryptococcus neoformis* 10



Signature of Teacher

Dr. Pranita Gulhane





Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. I Semester-II (2018-19)**

Microbiology Paper III (Medical Microbiology and Parasitology)

**Result of Unit Test held on - 05/04/2019 on Unit IV
Name of the teacher: Dr.Pranita Gulhane**

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	11
2.	Akanksha Shende	15
3.	Ashish Nanhe	AA
4.	Dhanashree Dhote	06
5.	Diksha Bhanuse	04
6.	Kanchan Madavi	11
7.	Lavanya Shriramwar	17
8.	Monika Singh	19
9.	Muskan Harde	02
10.	Pooja Karemore	06
11.	Pratiksha Mahurkar	05
12.	Rakshit Bolke	11
13.	Rita Walthare	18
14.	Ruchika Sadawarte	13
15.	Sakshi Barad	AA
16.	Sanskriti Kukade	12
17.	Sayli Shetiye	19
18.	Shital Bante	13
19.	Shivani Chaurikar	16
20.	Yogesh Ninawe	AA
21.	Zarina Ansari	11

Gulhane

**Signature of Teacher
Dr.Pranita Gulhane**



Chandekar

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester II) MICROBIOLOGY
Paper III (Medical Microbiology and Parasitology)
UNIT TEST on Unit IV**

Time: 60 min

Maximum Marks: 20

N.B:- All questions are compulsory

UNIT IV

Q.1- Give an account on Entamoeba histolytica **10**

Q.2- Explain the helminth Hymenolepis nana **10**



Signature of Teacher

Dr. Pranita Gulhane



Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. I Semester-II (2018-19)**

Microbiology Paper IV (Immunology and Immunodiagnostics)

**Result of Unit Test held on-02/02/2019 on Unit II
Name of the teacher: Ms.Anjali Sharma**

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	10
2.	Akanksha Shende	05
3.	Ashish Nanhe	12
4.	Dhanashree Dhote	04
5.	Diksha Bhanuse	AA
6.	Kanchan Madavi	17
7.	Lavanya Shriramwar	16
8.	Monika Singh	13
9.	Muskan Harde	AA
10.	Pooja Karemore	09
11.	Pratiksha Mahurkar	11
12.	Rakshit Bolke	16
13.	Rita Walthare	15
14.	Ruchika Sadawarte	12
15.	Sakshi Barad	07
16.	Sanskriti Kukade	11
17.	Sayli Shetiye	15
18.	Shital Bante	17
19.	Shivani Chaurikar	12
20.	Yogesh Ninawe	08
21.	Zarina Ansari	14

Anjali S.

Head of the Department

Ms.Anjali Sharma



Chandekar

**Signature of the Teacher
Dr. Chandekar**

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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. :- (1) All Questions are Compulsary.

Unit II

Q.1- Describe Mechanism of Graft Rejection. 10

Q.2- Explain Malignant transformation of Cells. 10

Anjali S.



Signature of the Teacher
Ms.Anjali Sharma

Chandekar

Head of the Department
Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. I Semester-II (2018-19)**

Microbiology Paper IV (Immunology and Immunodiagnostics)

**Result of Unit Test held on -04/04/2019 on Unit IV
Name of the teacher: Ms.Anjali Sharma**

Sr.No.	Name	Marks Out of 20
1.	Adiba Khan	07
2.	Akanksha Shende	14
3.	Ashish Nanhe	06
4.	Dhanashree Dhote	03
5.	Diksha Bhanuse	AA
6.	Kanchan Madavi	14
7.	Lavanya Shriramwar	11
8.	Monika Singh	16
9.	Muskan Harde	06
10.	Pooja Karemore	AA
11.	Pratiksha Mahurkar	18
12.	Rakshit Bolke	14
13.	Rita Walthare	13
14.	Ruchika Sadawarte	18
15.	Sakshi Barad	05
16.	Sanskriti Kukade	10
17.	Sayli Shetiye	15
18.	Shital Bante	14
19.	Shivani Chaurikar	12
20.	Yogesh Ninawe	09
21.	Zarina Ansari	AA

Anjali S.

Signature of the Teacher

Ms.Anjali Sharma



Chandekar

Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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 Chemiluminescence immune assay. 10

Anjali S.



Chandekar

Signature of the Teacher

Ms.Anjali Sharma

Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. II Semester-IV (2018-19)
Microbiology Paper I (Virology)**

Result of Unit Test held on:- 01/01/2019 on Unit I

Name of the teacher: Ms.Sadiya Deshmukh

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	11
2.	Akanksha G. Sapate	13
3.	Anam A. Khan	18
4.	Ankita V. Telrandhe	18
5.	Khushboo Krishnani	05
6.	Niharika P. Deshpande	04
7.	Nikita A. Hiratkar	19
8.	Nikita N. Bhure	15
9.	Nishi Selote	13
10.	NishigandhaKutemate	08
11.	Pallavi S. Patle	AA
12.	Pooja V. Sonewane	14
13.	Prachi N. Dhaberao	17
14.	Preeti V. Balbudhe	06
15.	Prerna D. Tembhare	17
16.	Rashmi B. Hanwate	13
17.	Sarayu R. Mandpe	19
18.	Shama R. Meshram	02
19.	Sheetal T. Gahane	11
20.	Shivani P. Gohane	17
21.	Sneha M. Khotete	AA



Signature of Teacher

Ms.Sadiya Deshmukh



Head of the Department

Dr. Chandekar

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper I (Virology)
UNIT TEST on Unit I**

Time: 60 min

Maximum Marks: 20

All questions are compulsory

UNIT I

- | | |
|--|----|
| Q.1- Give Brief outline on discovery of viruses | 10 |
| Q.2- Discuss Genetic classification of viruses | 10 |



Signature of Teacher

Ms.Sadiya Deshmukh



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. II Semester-IV (2018-19)

Microbiology Paper I (Virology)

Result of Unit Test held on- 01/04/2019 on Unit IV

Name of the teacher: : Ms.Sadiya Deshmukh

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

Sadiya

**Signature of Teacher
Ms.Sadiya Deshmukh**



Chandekar

**Head of the Department
Dr. Chandekar**

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper I (Virology)
UNIT TEST on Unit IV**

Time: 60 min

Maximum Marks: 20

All questions are compulsory

UNIT IV

- Q.1-** Write a note on non-nucleoside RT inhibitors 10
- Q.2-** Explain in detail about ELISA and Radioimmunoassay 10



Signature of Teacher

Ms.Sadiya Deshmukh



Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. II Semester-IV (2018-19)

Microbiology Paper II (Microbial Fermentation Technology)

Result of Unit Test held on-22/02/2019

on Unit II

Name of the teacher: Ms. Shikha Soni

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



Signature of Teacher

Ms. Shikha Soni



**Head of the Department
Dr. Chandekar**

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
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 in detail about types of processing units 10

Q.2- Give a note on scale down 10



Signature of Teacher

Ms. Shikha Soni



Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. II Semester-IV (2018-19)**

Microbiology Paper II (Microbial Fermentation Technology)

Result of Unit Test held on-12/03/2019

on Unit III

Name of the teacher: Ms. Shikha Soni

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	AA
2.	Akanksha G. Sapate	06
3.	Anam A. Khan	15
4.	Ankita V. Telrandhe	18
5.	Khushboo Krishnani	05
6.	Niharika P. Deshpande	19
7.	Nikita A. Hiratkar	04
8.	Nikita N. Bhure	17
9.	Nishi Selote	01
10.	NishigandhaKutemate	19
11.	Pallavi S. Patle	16
12.	Pooja V. Sonewane	19
13.	Prachi N. Dhaberao	15
14.	Preeti V. Balbudhe	04
15.	Prerna D. Tembhare	13
16.	Rashmi B. Hanwate	17
17.	Sarayu R. Mandpe	12
18.	Shama R. Meshram	18
19.	Sheetal T. Gahane	02
20.	Shivani P. Gohane	12
21.	Sneha M. Khotete	09

Shikha

Signature of Teacher

Ms. Shikha Soni



Chandekar

**Head of the Department
Dr. Chandekar**

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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Academic Session 2018-2019
Master of Science (M.Sc) (Semester- IV) MICROBIOLOGY
Paper II (Microbial Fermentation Technology)
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 β -lactum antibiotics | 10 |
| Q.2- What are Biopolymers? Explain with example. | 10 |



**Signature of Teacher
Ms. Shikha Soni**



**Head of the Department
Dr. Chandekar**

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

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

Department of Microbiology
M.Sc. II Semester-IV (2018-19)

Microbiology Paper III (Microbial Diversity Evolution and Ecology II)

Result of Unit Test held on-06/02/2019 on Unit II

Name of the teacher: Dr. Meenakshi Mhaisgawali

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

Meena

Signature of Teacher

Dr. Meenakshi Mhaisgawali



Chandekar

Head of the Department

Dr. Chandekar

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

S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2018-2019
M.Sc. II Year Semester IV
Paper III (Microbial Diversity Evolution and Ecology II)
Unit Test on Unit II

Time: 60 min

Maximum Marks: 20

N.B.: All questions are compulsory

Q.1- Write a note on Shannon index and Brillouin index. 10

Q.2- Describe in detail about Tolarence and inhibition pattern of succession 10

Meena

Signature of Teacher

Dr. Meenakshi Mhaisgawali



Chandekar

Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. II Semester-IV (2018-19)

Microbiology Paper III (Microbial Diversity Evolution and Ecology II)

Result of Unit Test held on -27/02/2019

on Unit III

Name of the teacher: Dr. Meenakshi Mhaisgawali

Sr.No.	Name	Marks Out of 20
1.	Aishwarya Kapase	09
2.	Akanksha G. Sapate	16
3.	Anam A. Khan	05
4.	Ankita V. Telrandhe	15
5.	Khushboo Krishnani	06
6.	Niharika P. Deshpande	13
7.	Nikita A. Hiratkar	02
8.	Nikita N. Bhure	19
9.	Nishi Selote	05
10.	NishigandhaKutemate	14
11.	Pallavi S. Patle	16
12.	Pooja V. Sonewane	18
13.	Prachi N. Dhaberao	14
14.	Preeti V. Balbudhe	12
15.	Prerna D. Tembhare	16
16.	Rashmi B. Hanwate	18
17.	Sarayu R. Mandpe	15
18.	Shama R. Meshram	14
19.	Sheetal T. Gahane	08
20.	Shivani P. Gohane	AA
21.	Sneha M. Khotale	AA

Meena

**Signature of Teacher
Dr. Meenakshi Mhaisgawali**



Chandekar

**Head of the Department
Dr. Chandekar**

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

S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2018-2019
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 Random genetic drift. 10

Q.2- Describe in detail about allele frequencies 10

Meena

Signature of Teacher

Dr. Meenakshi Mhaisgawali



Chandekar

Head of the Department

Dr. Chandekar

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

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

Department of Microbiology

M.Sc. II Semester-IV (2018-19)

Microbiology Paper IV (Vaccines and Delivery System)

Result of Unit Test held on -23/01/2019 on Unit I

Name of the teacher: Dr.Pranita Gulhane

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

Signature of Teacher

Dr.Pranita Gulhane



Head of the Department

Dr. Chandekar

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

S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2018-2019
M.Sc. II Year Semester IV

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-** Write a note on Subunit vaccines. 10
- Q.2-** Give a detail on DNA vaccines. 10



Signature of Teacher

Dr. Pranita Gulhane



Head of the Department

Dr. Chandekar

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

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

**Department of Microbiology
M.Sc. II Semester-IV (2018-19)**

Microbiology Paper IV (Vaccines and Delivery System)

Result of Unit Test held on -12/02/2019 on Unit II

Name of the teacher: Dr.Pranita Gulhane

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

Pulhane

Signature of Teacher

Dr.Pranita Gulhane



Chandekar

Head of the Department

Dr. Chandekar

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

S.S.E.S.A's Science College, Congress Nagar, Nagpur
P.G. Department of Microbiology
Academic Session 2018-2019
M.Sc. II Year Semester IV

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- Give a detail on Hepatitis vaccine. 10

Q.2- Explain DPT vaccine. 10



Name of the Teacher

Dr. Pranita Gulhane



Head of the Department

Dr. Chandekar

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