

.) – Microbiology – Major/Minor courses (w.e.f. 2023-24 Academic Year)

S.No.	Type of Questions	No. of questions to be given in the Question paper			No. of questions to be answered by the learner		
		No.	Marks allocated per question	Total marks	No.	Marks allocated per question	Total marks
PART-1							
1	SECTION - A Long Answer Questions (LAQ)	04	10	80	At least 01	10	30
2	SECTION - B Long Answer Questions (LAQ)	04	10		At least 01	10	
PART-2							
3	Short Answer Questions (SAQ)	05	04	20	03	04	12
4	Very Short Answer Questions (VSAQ)	05	02	10	04	02	08
Total questions & Total marks =		16	-	110	08	-	50

$$\text{Percentage of choice given} = \frac{110 - 50}{100} \times 100 = \frac{60}{100} \times 100 = 60\%$$

Major I
INTRODUCTION TO CLASSICAL BIOLOGY

TIME: 2 1/2 HOURS

Maximum Marks: 50

PART -1

Section- A

Answer any THREE attempting at least one from each section

3×10=30 Marks

1. Essay question from unit I.
2. Essay question from unit I
3. Essay question from unit II
4. Essay question from unit II

Section-B

5. Essay question from unit III
6. Essay question from unit III
7. Essay question from unit IV
8. Essay question from unit V

PART -2

SHORT ANSWER QUESTIONS

Answer any THREE questions only

3×4=12 Marks

9. Short question from unit I
10. Short question from unit II
11. Short question from unit III
12. Short question from unit IV
13. Short question from unit V

VERY SHORT ANSWER QUESTIONS

Answer any FOUR questions only

4×2=08 Marks

14. Very Short question from unit I
15. Very Short question from unit II
16. Very Short question from unit III
17. Very Short question from unit IV
18. Very Short question from unit V

Major I
INTRODUCTION TO CLASSICAL BIOLOGY
Model Question Paper (Theory)

TIME: 2 1/2 HOURS

Maximum Marks: 50

PART -1

Section- A

Answer any **THREE** attempting at least one from each section

3×10=30 Marks

1. Write a note on Definition and concept of Taxonomy.
2. Explain the Concept of ecosystem, Biodiversity and conservation.
3. Explain the classification of plant kingdom.
4. Write a note on Mushroom cultivation.

Section-B

5. Write a note on the classification of Kingdom Animalia and Chordata.
6. Explain the economic importance of Sericulture, Apiculture and Aquaculture.
7. Explain the Ultrastructure of prokaryotic and eukaryotic cell.
8. Explain scope of chemistry and applications of chemistry in daily life.

PART -2

SHORT ANSWER QUESTIONS

Answer any **THREE** questions only

3×4=12 Marks

9. Binomial and trinomial nomenclature.
10. Phytohormones
11. Gametogenesis
12. Concept of gene
13. Green chemistry

VERY SHORT ANSWER QUESTIONS

Answer any **FOUR** questions only

4×2=08 Marks

14. Pollution
15. Floriculture
16. Hormones & disorders
17. Origin of life
18. Chemical bonds

