

CP 16101 BS

THREE YEAR B.Sc. DEGREE EXAMINATION, DECEMBER 2023/JANUARY 2024

FIRST SEMESTER

Life Science Honours

INTRODUCTION TO CLASSICAL BIOLOGY

Time : Three hours

Maximum : 70 marks

(No additional sheet will be supplied)

SECTION A — (5 × 4 = 20 marks)

Answer any FIVE questions.

1. Binomial nomenclature
2. Kinds of Pollution
3. Structure of monocot Embryo
4. Various kinds of Pollination
5. Economic Importance of Apiculture
6. Unique features of Hormones
7. Cell Cycle
8. Central dogma of molecular biology
9. Covalent bond
10. Scope of chemistry

SECTION B — (5 × 10 = 50 marks)

Answer ALL questions

11. Explain about International code of Zoological Nomenclature (ICZN).

Or

12. Write an essay on conservation of Biodiversity.
13. Describe the classification of plant kingdom.

Or

14. Explain the procedure for mushroom cultivation.

15. Give a brief account on Gametogenesis.

Or

16. Explain various types of metabolic disorders.

17. Describe the ultra structure of prokaryotic cell.

Or

18. Explain various theories explaining the origin of life on earth.

19. Write about the benefits and principles of green chemistry.

Or

20. Explain about Hydrogen bonding and Vander Waals attraction.