**Dr. V. S. Krishna Govt. Degree College (Autonomous)**

**Visakhapatnam – 13**

[Affiliated To Andhra University, Visakhapatnam]

**MODEL QUESTION PAPER FOR SEMESTER END EXAMINATIONS**

**B.SC. SEMESTER – I**

**COURSE – 1: INTRODUCTION TO CLASSICAL BIOLOGY [23BSBM11]**

Time: **3 hours** Maximum Marks: **60**

**PART- A**

Answer any **Five** of the following questions [5 X 4 M = 20 M]

1. Principles of Binomial nomenclature

2. Types of pollutions

3. Floriculture

4. Mushroom cultivation

5. Hormonal disorders

6. Apiculture

7. Principles of cell theory

8. Stages of cell cycle

9. Hydrogen bonds

10. Ionic bonds

**PART- B**

Answer all the followingquestions. [5 X 8 M = 40 M]

11 (A). Describe the principles, hierarchy levels and applications of Taxonomy.

(OR)

11 (B). Describe the causes, effects and methods to control climate change.

12 (A). Discuss the principle, procedure, and uses of Mushroom cultivation.

(OR)

12 (B). Discuss the different methods of pollination and the process of fertilization.

13 (A). Explain the process of gametogenesis and fertilization in animals.

(OR)

13 (B). Explain the structure, functions of central nervous system.

14 (A). Elaborate the ultrastructure of Eukaryotic cell with a clean diagram.

(OR)

14 (B). Elaborate the concept of Central Dogma of Molecular Biology.

15 (A). Write an account of Covalent bonds.

(OR)

15 (B). Write an account of applications of chemistry in daily life.