

Sr.No.14067

Exam Code:210402

Subject Code: 4953

M.Sc. Chemistry - 2nd Semester

(2721)

Paper: Course-XIII Opt(ii)

Biology for Chemists (For Non Med. Students)

Time Allowed: 2 hrs.

Max. Marks: 25

**Note: There are EIGHT questions of equal marks. Candidates are required to attempt any FOUR questions.**

**SECTION A**

- I. What are carbohydrates? Discuss different types of the same. Explain various functions of carbohydrates.
- II. (a) Differentiate prokaryotic and eukaryotic cells.  
(b) What are functions of mitochondria?

**SECTION B**

- III. What is tissue? Name various types of animal tissue. Discuss structure and function of nervous tissue.
- IV. What is organ system? Name various organ systems in animals. Explain muscular system.

**SECTION C**

- V. Explain Mendel's laws of inheritance.
- VI. Explain various events in translation process.

**SECTION D**

- VII. Discuss five kingdom classification of living things.
- VIII. What are viruses? Discuss various characteristic features of the same.

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