

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture) (Sem.-2)

BIOLOGY-II

Subject Code : BSAG-205B

M.Code : 72361

Date of Examination : 19-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Write short note on :

- a) Polysaccharides
- b) Synapsis in cell division
- c) Characteristics of phylum Porifera
- d) Oogenesis
- e) Chemotaxonomy
- f) Ribosomes
- g) Ectoparasites
- h) Epilboly
- i) Skeletal muscles
- j) Codes of Binomial nomenclature

SECTION-B

2. Write a note on connective tissue.
3. What is mitosis? Give an account of its various stages.
4. Give an account of presumptive areas of frog's blastula.
5. Explain respiratory system of mammal with the help of suitable diagram.
6. Describe the fluid mosaic model of plasma membrane.

SECTION-C

7. Describe the structure, functions and types of proteins.
8. Write about life cycle of :
 - a) Liver fluke
 - b) Tapeworm.
9. Give characteristics and examples of Phylum :
 - a) Protozoa
 - b) Coelenterata
 - c) Annelida
 - d) Mollusca
 - e) Platyhelminthes.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.