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B.Sc. (Agriculture) (2014 & Onwards) (Sem.-2)

Subject Code : BSAG-205B

Paper ID : [72361]

Max. Marks : 60

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.**

1. Define or briefly describe the following :

- a) Pyrimidine
- b) Leucoplast
- c) Wildlife sanctuary
- d) Hemichordata
- e) Binomial nomenclature
- f) Mitochondria
- g) Taxonomy
- h) Peptide bond
- i) Secondary proteins
- j) S-phase

SECTION-B

2. Write a short note on endoplasmic reticulum and its types.
3. Explain Watson and Crick model of DNA.
4. Write a note on ectoparasites of humans. Give examples.
5. Discuss various types of simple tissues.
6. Explain gametogenesis in frog.

SECTION-C

7. Discuss different stages of mitosis in animal cell with the help of a diagram.
8. Explain the structure and function of cell wall.
9. Give the classification of lipids.

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