Roll No.						Total No. of Pages: 0	2
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Total No. of Questions: 09

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

M Code: 72361

Subject Code: BSAG-205B

Paper ID: [72361]

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS 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. Define or briefly describe the following:
 - a) Peptide Bond
 - b) Enzymes
 - c) Cytoskelton
 - d) S-Phase
 - e) Cholesterol
 - f) Taxonomy
 - g) Endocrine Gland
 - h) Herbarium
 - i) Animal Kingdom
 - j) Malaria

M-72361 Page 1 of 2

SECTION B

- 2. Explain binomial nomenclature and its significance.
- 3. Discuss the process of spermatogenesis.
- 4. Describe various types of simple tissues.
- 5. Enumerate differences between DNA and RNA.
- 6. Write a brief note on ectoparasites.

SECTION C

- 7. Give a detailed account of structure and function of mitochondria.
- 8. Discuss two major phases of cell cycle in eukaryotic cell.
- 9. Elaborate on different types of proteins and their functions.

M-72361 Page 2 of 2