

1st Sessional Examination (Biology), Mechanical Engineering
J.C. Bose University of Science and Technology, YMCA, Faridabad

Time: 1.5 hr

FM: 15

Answer the following: $1 \times 5 = 5$

- a) Uricotelic organism
- b) Allele
- c) Taxonomic Hierarchy
- d) Dominant gene
- e) Punnet Square

Answer any two of the Following. $5 \times 2 = 10$

- a) Differentiate between Mitosis and Meiosis.
- b) Explain Laws of Inheritance
- c) Binomial Nomenclature
- d) Differentiate between Prokaryotic and Eukaryotic organism.

2nd Sessional Examination (Biology), Mechanical Engineering
J.C. Bose University of Science and Technology, YMCA, Faridabad

Time: 1.5 hr

FM: 15

1. Answer the following: $1 \times 5 = 5$

- a) Essential amino acid
- b) Nucleosome
- c) Chargaff's Rule
- d) Reaction of Photosynthesis
- e) ATP

2. Answer any two of the Following. $5 \times 2 = 10$

- a) Difference between saturated and unsaturated fatty acid
- b) Recombinant DNA Technology
- c) Genetic Code
- d) Glycolysis.