Code: R7102304

R07

B. Tech I Year (R07) Supplementary Examinations, December 2012

FUNDAMENTALS OF BIOLOGY

(Biotechnology)

Time: 3 hours Max. Marks: 80

Answer any FIVE questions

All questions carry equal marks

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1 (a) Write about five - kingdom classification.
(b) Write about harmful effects of bacteria.

2 (a) Write about classification of plant kingdom.
(b) Write about biology of pests in relation to groundnut.

3 (a) Write about economic importance of animals.
(b) Write about protozoan parasite entamoeba.

4 (a) Write about DNA as genetic material.
(b) Write about recombinant DNA technology.

5 (a) Write about physiology of blood.
(b) Write about endocrine system.

6 (a) Write about human neuromuscular functions.
(b) Write about human sensory system taste.

7 (a) Write about plant photosynthesis.
(b) Write critical comments on dark reaction.

8 (a) Write about bio-fertilizers.
(b) Write about single cell protein.

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