

Code: R7102304

R07

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

FUNDAMENTALS OF BIOLOGY

(Biotechnology)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Write about differences between prokaryotes and eukaryotes.
(b) Write about useful effects of bacteria.
- 2 (a) Write about plant growth regulations.
(b) Write about biology of pests in relation to rice.
- 3 (a) Write about classification of animal kingdom.
(b) Write about protozoan parasite plasmodium.
- 4 (a) Write about DNA replication.
(b) Write about recombinant DNA technology.
- 5 (a) Write about physiology of blood.
(b) Write about respiratory system.
- 6 (a) Write about human biological axons.
(b) Write about human sensory system-hearing.
- 7 (a) Write about bacterial photosynthesis.
(b) Write about CO₂ fixation on plants.
- 8 (a) Write about bio-pesticides.
(b) Write about transgenic plants.
