

B.E DEGREE EXAMINATIONS, APRIL/MAY 2014

B.E Biomedical Engineering - Regulation 2008

Semester IV (Full Time)

BM 9252 PATHOLOGY AND MICROBIOLOGY

Time: 3 hr

Max. Marks: 100

Answer ALL Questions

Part A (10x2=20 Marks)

1. Define necrosis with one example?
2. What is hyperplasia?
3. Write short notes on platelet disorder?
4. Write brief note on T4 bacteriophage?
5. Define shock.
6. What is freeze etching technique?
7. Write short notes on hemophilia.
8. Define Taeniasis.
9. Write notes on agglutination reaction with example?
10. Differentiate epitope and paratope.

Part B (16x 5 = 80)

11. Explain different staining methods in observing microbes (16)
12. a) Describe the classification of tumor, its cause and diagnostic method (16)
(OR)
b) Describe intracellular accumulations in cells (16)
13. a) Explain the structural organization of bacteria (16)
(OR)
b) Give a detail account of biochemical test in identifying bacteria (16)
14. a) Describe mendelian disorders (16)
(OR)
b) Explain in detail about mutation and its types (16)
15. a) Give the structure, functions and disorder of thyroid gland (16)
(OR)
b) Describe the normal hemostasis between clotting and fibrinolysis (16)