

S.No. 1996

12UMB05

(For the candidates admitted from 2012–2013 onwards)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2017.

Fifth Semester

Microbiology

MEDICAL BACTERIOLOGY

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Capsule
2. Gnotobiotic
3. Alpha hemolysis
4. Meningitidis
5. DPT
6. Tetanolysis
7. ETEC
8. Widal test

9. Psittacosis

10. Atypical pneumonia.

PART B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Briefly explain about normal flora of mouth.

Or

(b) Write short note on transport medium.

12. (a) Describe the pathogenicity of staphylococcus aureus.

Or

(b) Give brief note on N. Gonorrhoeae.

13. (a) Discuss about clinical symptoms of botulism.

Or

(b) Write briefly about anthrax disease.

14. (a) Give an account on Bacillary dysentery.

Or

(b) Describe the pathogenicity of cholera disease.

15. (a) Briefly explain about clinical symptoms caused by M. Pneumoniae.

Or

(b) Give short note on typhoid fever.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write in detail about the virulence factors of bacteria.

17. Explain about *streptococcal* pneumonia.

18. Give elaborate note on pathogenicity of plague.

19. Discuss in detail about the C. tetani.

20. Explain the clinical manifestation of T. Pallidum.