

APRIL 2013

46113/RBBA

Time : Three hours

Maximum : 100 marks

PART A — (10 × 3 = 30 marks)

Answer any TEN questions.

All questions carry equal marks.

Each answer should not exceed 50 words.

1. Transport media.
2. Mantoux test.
3. X and V factor.
4. Otomycosis.
5. Gas gangrene.
6. Mycotoxins.
7. Weil-Felix test.
8. Milk-ring test.
9. Demonstration of *Treponema Pallidum*.
10. Morphology of Gonococci.
11. Antifungal drugs.
12. Quellung reaction.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions.

All questions carry equal marks.

Each answer should not exceed 200 words.

Write notes on :

13. *Helicobacter pylori*.
14. Branhamella species.
15. Lab. diagnosis of Gonorrhoea.
16. Lab. diagnosis of Aspergillosis.
17. MRSA.
18. Toxins and enzymes of *Streptococcus pyogenes*.
19. TRIC agents.

PART C — (4 × 10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

Each answer should not exceed 500 words.

20. Classify the dermatophytes. Discuss the laboratory diagnosis of dermatophytosis.
21. Discuss the pathogenesis, lab. diagnosis and prophylaxis of diphtheria.

22. Classify meningitis. Describe the pathogenesis and lab. diagnosis of meningococcal meningitis.
 23. Describe the etiology pathogenesis and lab. diagnosis of mycetoma.
 24. Discuss the principle, methodology and quality control of antibiotic susceptibility testing.
 25. Describe the morphology, pathogenesis and lab. diagnosis of cholera.
-