

PARAMEDICAL BOARD, BANGALORE
Annual Examination, January – 2013
II Year Diploma in Medical Laboratory Technology / III Year Certificate course
in Medical Laboratory Technology
MICROBIOLOGY
QP CODE – 3103

Time: 3 hrs

Max. Marks: 90

I. Long Essay – Answer any TWO

2 x 10=20

1. Classify antigen-antibody reactions. Describe the RPR test in detail.
2. Classify Hypersensitivity and describe in detail about Type 1 Hypersensitivity.
3. Enumerate organisms causing Meningitis. Write about Laboratory diagnosis of meningococcal Meningitis.

II. Write short notes on any TEN

10 x 5 =50

4. Collection of urine sample.
5. Precipitation test.
6. Preparation of LPCB mount and its uses.
7. Preparation of blood agar.
8. Citrate test.
9. Coagulase test.
10. Candida.
11. Coomb's tests.
12. Catalase test.
13. Inoculation methods.
14. Cholera red reaction.
15. Lepromin test.

III. Write short answers

10 x 2 = 20

16. Name two gram negative cocci.
17. Name two Cestodes.
18. BCG Vaccination.
19. Name two motile bacteria.
20. Name two spore forming bacteria.
21. Name two RNA Viruses.
22. Two examples for slide agglutination test.
23. Name two ELISA tests.
24. Name two Nematodes.
25. Draw a neat labeled diagram of Taenia saginata egg.
