

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION
NOVEMBER 2013**

(UG – CCSS)

Microbiology (Core Course)

MB 5B 10 – MEDICAL MICROBIOLOGY

Time : Three Hours

Maximum : 30 Weightage

Section A*Answer all the **twelve** questions.*

1. Name two zoonotic diseases.
2. The causative agent of bacillary dysentery is _____
3. **Coagulase** test is used for the identification of _____
4. Quelling reaction is a characteristic property of _____
5. ~~_____ is a result of latent infection by V-Z virus.~~
6. Spikes present on Rabies Virus is ~~_____ in chemical nature.~~
7. Name two systemic fungal diseases.
8. Name two diseases for the prophylaxis of which **toxoids** are used.
9. The live oral polio vaccine popularly used in _____
10. **VDRL** test is used for the diagnosis of _____
11. **Weils** disease is caused by _____
12. **Lancefield** grouping is applied in _____

(12 x $\frac{1}{4}$ = 3 weightage)**Section B***Answer all the **nine** questions in one **or** two sentences.*

13. Pandemics.
14. **Latrogenic** infections.
15. Virulence.
16. **Rhinosporidiosis**.

Turn over

17. Black water fever.
18. Weil-Felix reaction.
19. ID₅₀.
20. Chancre.
21. BCG.

(9 x 1 = 9 weightage)

Section C

*Answer briefly any **five** questions.*

22. Sources of infections.
23. Pathogenesis of diphtheria.
24. Widal test.
25. Rickettsial diseases.
26. Infections hepatitis.
27. Life cycle of tape worm.
28. Clinical types of leprosy.

(5 x 2 = 10 weightage)

Section D

*Answer any **two** questions in detail.*

29. Laboratory diagnosis of **HIV** infection.
30. Pathogenesis and laboratory diagnosis of pulmonary tuberculosis.
31. Various methods of transmission of infections.

(2 x 4 = 8 weightage)