

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION  
NOVEMBER 2014**

(UG-CCSS)

Core Course – Microbiology

MB 5B 10 – MEDICAL MICROBIOLOGY

Time : Three Hours

Maximum : 30 Weightage

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

1. Name two **teratogenic** infection causing viruses.
2. CRF is required for the action of \_\_\_\_\_ **coagulase**. \_\_\_\_\_
3. *Streptococcus pyogenes* belongs to the **Lancefield** group \_\_\_\_\_
4. \_\_\_\_\_ ~~test is used for the~~ serological diagnosis of enteric fever.
5. **RPR** card test is used for the diagnosis of \_\_\_\_\_
6. \_\_\_\_\_ ~~is a complication of~~ measles occurring years after infection and is considered as a slow virus disease.
7. \_\_\_\_\_ ~~type of rabies virus is~~ used for vaccine production.
8. **Filariasis** is caused by \_\_\_\_\_
9. Name the killed polio vaccine.
10. The most common cause of enteric fever in India is \_\_\_\_\_
11. Name two soil-borne fungal infections.
12. Name the **peplomers** present on influenza viruses.

(12 x ¼ = 3 weightage)

**Section B***Answer all the **nine** questions in one **or** two sentences.*

13. **Zoonotic** diseases.
14. **Nosocomial** infections.
15. **LD<sub>50</sub>**.
16. *Cryptococcus neoformans*.
17. Subunit vaccines.

**Turn over**

18. Primary complex.
19. Wilson and Blair medium.
20. Germ tube test.
21. MMR.

(9 x 1 = 9 weightage)

### Section C

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

22. Mode of transmission of infections.
23. Pathogenesis of bacillary dysentery.
24. Pathogenesis of rabies.
25. Hook worm infestation.
26. Botulism.
27. Intestinal amoebiasis.
28. Serum hepatitis.

(5 x 2 = 10 weightage)

### Section D

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

29. Pathogenesis of AIDS.
30. Pathogenesis of Malaria.
31. Immunoprophylaxis.

(2 x 4 = 8 weightage)