

D 91068

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Name

Reg. No.

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2015

(UG—CCSS)

Core Course—Microbiology

MB 5B 10—MEDICAL MICROBIOLOGY

Time : Three Hours

Maximum : 30 Weightage

Section A

*Answer all the twelve questions.
Each question carries 1/4 weightage.*

1. Cross-infections occurring in hospitals are called _____
2. _____ is one who has recovered from the disease and continues to harbour the pathogen in his body.
3. The term _____ is used for diseases transmitted by direct contact.
4. The dose required to infect 50 % of the animals tested under standard conditions is _____
5. The primary cause of impetigo is _____
6. Diphtheria toxoid is usually given in children as a trivalent preparation containing tetanus toxoid and _____ also.
7. _____ is the toxin of *Clostridium tetani* responsible for tetanus.
8. _____ is the O antigen factor shared by *Salmonella typhi* S. para typhi A and S. para typhi B.
9. *Mycobacterium tuberculosis* can be stained by _____ method.
10. _____ virus is used for vaccination against smallpox.
11. Hepatitis _____ is a DNA virus.
12. _____ is the etiological agent of AIDS.

(12 x 1/4 = 3 weightage)

Section B

*Answer all the nine questions in one or two sentences.
Each question carries 1 weightage.*

- | | |
|-----------------------------|----------------------------|
| 13. Primary infection. | 14. Endogenous infections. |
| 15. Teratogenic infections. | 16. M typing. |
| 17. Mantoux test. | 18. SSPE. |
| 19. Pityriasis Versicolor. | 20. Antigenic shift. |
| 21. Salk vaccine. | |

(9 x 1 = 9 weightage)

Turn over

Section C

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

Each question carries 2 weightage.

- 22. Pathogenesis of bacillary dysentery.
- 23. *Treponema pallidum*.
- 24. Pathogenesis of intestinal amoebiasis.
- 25. Filariasis.
- 26. Epidemiology of influenza.
- 27. Pathogenesis of tetanus.
- 28. Coagulase test.

(5 x 2 = 10 weightage)

Section D

*Answer any **two** questions.*

Each question carries 4 weightage.

- 29. Pathogenesis and laboratory diagnosis of enteric fever.
- 30. Subcutaneous mycoses.
- 31. Pathogenesis and prophylaxis of rabies.

(2 x 4 = 8 we