

**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  $\frac{1}{4}$  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  $\frac{1}{4}$  = 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. <b>Teratogenic</b> infections. | 16. M typing.              |
| 17. <b>Mantoux</b> test.           | 18. <b>SSPE</b> .          |
| 19. <b>Pityriasis Versicolor</b> . | 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