

D 70974

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Name.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(CUCSS)

Microbiology

MB 3C 09—MEDICAL MICROBIOLOGY

(Regular)

Time : Three Hours

Maximum : 36 weightage

Part A

*Answer **all** questions.*

Each question carries 1 weightage.

Write short notes on :

1. Trachoma.
2. *Leptospira icterohaemorrhagiae*.
3. *Helicobacter pylori*.
4. Ebola virus.
5. Kirby Bauer technique.
6. *Cryptococcus neoformans*.
7. MIC.
8. Christensons Urease medium.
9. PCR.
10. *Pseudomonas aeruginosa*.
11. Rubella.
12. Lyme disease.
13. Typhus fevers.
14. Sleeping sickness.

(14 × 1 = 14 weightage)

Part B

*Answer any **seven** questions.*

Each question carries 2 weightage.

15. What is satellitism?
16. Differentiate between infectious and serum hepatitis.

Turn over

17. What is Aspergilloma?
18. What are the mechanisms of drug resistance?
19. Comment on Enterotube
20. What is Giardiasis?
21. Comment on indole test.
22. What is gonorrhoea?
23. What is spiral plating?
24. Comment on citrate utilization test.

(7 × 2 = 14 weightage)

Part C

*Answer any **two** of the following.*

Each question carries 4 weightage.

25. Explain the Pathogenicity and treatment of diphtheria.
26. Discuss the diseases caused by clostridia.
27. Describe the life cycle of Plasmodium in human and the pathogenesis of malaria.
28. Discuss the mechanism of action of antibiotics you have studied.

(2 × 4 = 8 weightage)