

# 2016 Scheme

QP Code: 413019

Reg. No.....

## Fourth Year B.Sc. Medical Microbiology Degree Regular/Supplementary Examinations February 2024

### Paper XII - Clinical Microbiology

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

#### Essays

(2x15=30)

1. Enumerate the organisms causing sexually transmitted diseases. Write a note on laboratory diagnosis of syphilis.
2. Define health associated infection. Enumerate the microorganisms causing it. What are the factors which contribute in development

#### Brief Essays

(2x10=20)

3. Define Biosafety cabinet. Write a note on types and uses of different biosafety cabinets.
4. Define vaccines. Write a note on National immunization schedule.

#### Short Answers

(6x5=30)

5. Normal flora of the genitourinary tract
6. Tuberculin test
7. Name various organisms causing urinary tract infection. Discuss the laboratory diagnosis
8. Botulism
9. Viral diarrhea
10. Aseptic meningitis

#### Comment on

(10x2=20)

11. ELISA
12. Stool concentration methods
13. List four organisms causing infective endocarditis
14. Hospital acquired infection
15. Genital warts
16. Transfusion reactions
17. Pooled sera
18. Transduction
19. E test
20. Toxoids

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