

# 2014 Scheme

QP Code: 403019

Reg. No.....

## Fourth Year B.Sc. Medical Microbiology Degree Regular/Supplementary Examinations February 2023

### 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. Define health care associated infections. Enumerate the microorganisms causing it. List out the factors contributing in development of HAI.
2. Define meningitis. Enumerate the causative agents of meningitis. Describe in detail about the pathogenesis and CSF findings in different types of meningitis.

#### Short Essays

(2x10=20)

3. Define PUO. Enumerate the causative agents of PUO. Classify and describe the laboratory diagnosis.
4. List the organisms causing STI. Describe the pathogenesis and lab diagnosis of Non-Gonococcal urethritis.

#### Short Notes

(6x5=30)

5. Write briefly about hand hygiene.
6. Viral zoonosis
7. Chemical methods of disinfection
8. PK reaction
9. Vectors
10. American Type Culture Collection (ATCC) strains

#### Answer Briefly

(10x2=20)

11. Asymptomatic bacteriuria
12. Examples of sterile fluid
13. Mosquito control methods
14. CSF collection and transport
15. Enterotoxins
16. Causative agents of pyelonephritis
17. Typhoid vaccines
18. CAMP test
19. Sterilization control
20. Causative agents of pneumonia

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