

2014 Scheme

QP Code: 403019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Supplementary Examinations February 2021

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. What is food poisoning. Classify the pathogens causing food poisoning. Briefly describe the laboratory diagnosis of food poisoning.
2. Define Urinary Tract Infection (UTI). Name the organisms causing UTI in an adult male. Briefly discuss the laboratory diagnosis of UTI.

Short Essays

(2x10=20)

3. Briefly discuss the laboratory diagnosis of diphtheria.
4. Discuss the various methods of antibiotic sensitivity testing. Add a note on quality control.

Short Notes

(6x5=30)

5. Briefly describe the laboratory procedures for the diagnosis of viral infections
6. Slide culture and its applications
7. Enzyme Linked Immunosorbent Assay (ELISA)
8. List the common Hospital Acquired Infections (HAIs). Add a note on prevention criteria.
9. Molecular techniques for diagnosis
10. Laboratory diagnosis of neonatal meningitis

Answer Briefly

(10x2=20)

11. Primary cell lines
12. Bacteriology of milk
13. FOUR bacteria causing dysentery
14. Quellung phenomenon.
15. Infections in chronic ulcer
16. Diagram of meningococcus in CSF
17. Bacteriology of water
18. Onychomycosis
19. Infection in chronic ulcers
20. Surgical site infections
