

# 2016 Scheme

QP Code: 413019

Reg. No.....

## Fourth Year B.Sc. Medical Microbiology Degree Regular/Supplementary Examinations February 2022

### 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. Define Normal flora. Write a note on role of normal flora in human body and list out the organisms present as normal flora in upper respiratory tract and gastrointestinal tract.
2. Define upper respiratory tract infection. Write briefly on the diseases of upper respiratory tract.

#### Brief Essays

(2x10=20)

3. Enumerate the organisms causing diarrhea. Write briefly about the laboratory diagnosis of Escherichia coli.
4. Enumerate the causative organism of urinary tract infections. Write briefly about the collection, transport and processing of Urine samples.

#### Short Answers

(6x5=30)

5. WIDAL test
6. Non neural vaccines
7. Urethritis
8. Autoclave
9. Laboratory diagnosis of dysentery
10. Characteristic features of Cerebro Spinal Fluid (CSF) in different types of meningitis.

#### Comment on

(10x2=20)

11. Tubercular meningitis
12. Food poisoning
13. Traveler's diarrhea
14. Fever of unknown origin
15. MPN method
16. List four chemicals used in disinfection
17. Causative organisms of septicemia
18. Sterilization control
19. Frei test
20. Complement Fixation Test (CFT)

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