

2010 Scheme

Q.P. Code: 205001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations October 2022

Microbiology - Paper I

Time: 2 Hours

Total Marks: 40

- *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*

Essay: (10)

1. A young adult male came to skin O.P with complaints of painless indurated ulcer on the penis. He gives history of unprotected sex with multiple partners.
 - What is your provisional diagnosis. Name the causative agent
 - Describe in detail the pathogenesis of this disease
 - How do you confirm the diagnosis in the laboratory
 - How do you treat the patient
 - What are the complications of this condition

(2+2+3+1+2)

Short essay: (2x5=10)

2. Type I hypersensitivity
3. Enumerate moist heat methods of sterilization. Write in detail about any one method

Short notes: (10x2=20)

4. Enriched media
5. Name different methods of antimicrobial susceptibility testing
6. Hapten
7. Transformation
8. Natural passive immunity
9. Non – Gonococcal Urethritis (NGU)
10. Cutaneous anthrax
11. Classify non – tuberculous mycobacteria giving examples
12. Widal test
13. Lyme disease
