

Q.P. Code: 205001

Reg. No.: .....

Second Professional MBBS Degree Regular/Supplementary  
Examinations May 2021

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. Define sterilization. Classify methods of sterilization. Describe in detail moist methods below 100°C, above 100°C.
- (1+2+3+4)

Short essay:

(2x5=10)

2. Type 1 hypersensitivity
3. Laboratory diagnosis of bacterial meningitis

Short notes:

(10x2=20)

4. Laboratory diagnosis of enteric fever
5. Sporicidal disinfectants
6. Anaerobic culture methods
7. Mechanisms of autoimmune disease
8. Artificial passive immunity with two examples
9. Define significant bacteriuria. Two examples of bacteria causing UTI
10. Acid fast staining
11. Malignant pustule
12. Laboratory diagnosis of leptospirosis
13. Laboratory diagnosis of diphtheria

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