

25-03-2021

II-MBBS

1220A1+1220A2

Second Professional M.B.B.S. (Main) Examination
 March - 2021
 MICROBIOLOGY
 Paper- I

Time: Three Hours, Maximum Marks: 40

Q. No. 1 in Sections A and Q. No. 5 in Section B are compulsory. Attempt any two questions from rest of the questions in Section A and Section B.

(Use separate answer book for each section)

Section-A

1. Enumerate antigen antibody reactions. Discuss in detail about precipitation reaction. 10
2. Write in brief on:
 - a) Types of monoclonal antibody and its application 03
 - b) Testing of disinfectants 02
3. Write in brief on:
 - a) Antimicrobial susceptibility testing 03
 - b) Type III hypersensitivity reaction 02
4. Write in brief on:
 - a) Anaerobic culture methods 02
 - b) Microbial typing 02
 - c) Transposons 01

Section-B

5. Classify mycobacteria. Write pathogenesis, lab diagnosis and prevention from mycobacterium tuberculosis. 10
6. Write short notes on:
 - a) Methicillin resistant staphylococci 03
 - b) Pathogenesis and lab diagnosis of helicobacter pylori 02
7. Write short notes on:
 - a) Pathogenesis and lab diagnosis of diphtheria 02
 - b) Lab diagnosis of uropathogenic Escherichia coli 02
 - c) Eaton agent 01
8. Write short notes on:
 - a) VDRL test 02
 - b) Bartonella 01
 - c) HACEK group 01
 - d) Organisms associated with urethritis 01