

Jan-21

BLDE (DEEMED TO BE UNIVERSITY)

MBBS PHASE - II EXAMINATION

[Time: 3 Hours]

[Max. Marks: 100]

MICROBIOLOGY – PAPER - I

QP CODE: 2003

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay: (Answers to be started on fresh page only)

2x10=20

1. Describe the suppurative and non suppurative clinical manifestations of streptococcus pyogenes infection? Add note on diagnosis of acute rheumatic fever. (5+ 5 = 10)
2. Define and classify sterilization and discuss the uses of Autoclave. (2+3+5 = 10)

Short Essay: (Answers to be started on fresh page only)

10x5=50

3. Flagella
4. Immunoglobulin E
5. Gene transfer
6. Standard tests for syphilis
7. Swimming pool Granuloma
8. Lepromin test
9. Anaphylaxis
10. Lyme disease
11. Casteneda Medium
12. Laboratory diagnosis of Pulmonary tuberculosis

Short Answers: (Leave three lines gap between the answers)

10x3=30

13. Define atypical Mycobacteria, Give two examples
14. What are enrichment media. Give examples
15. Prozone phenomena
16. Graft Versus Host reaction
17. Neagler's Reaction
18. Weil-felix test
19. ~~Graft Vs host response~~ Enumerate heterophile agglutination tests.
20. Enumerate bacterial agents of food poisoning
21. ELISA
22. Dark ground Microscopy

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MICROBIOLOGY – PAPER - II

QP CODE: 2004

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Write Question No. in left side of margin.

Long Essay: (Answers to be started on fresh page only)

2x10=20

1. Name the species of malarial parasites in India. Describe the life cycle and laboratory diagnosis of *P. falciparum*. (2+4+4)
2. Classify Picornaviridae. Discuss the pathogenesis and laboratory diagnosis of poliomyelitis. Add a note on prophylaxis. (2+2+4+2)

Short Essay: (Answers to be started on fresh page only)

10x5=50

3. Hepatic Amoebiasis.
4. Fungal Mycetoma
5. Laboratory diagnosis of Dengue fever.
6. *Schistosoma haematobium*.
7. *Cryptococcus neoformans*.
8. Cultivation of viruses.
9. *Cysticercus cellulosae*.
10. Dermatophytes.
11. Serological diagnosis of Hepatitis B virus.
12. Free living amoebae.

Short Answers: (Leave three lines gap between the answers)

10x3=30

13. Name three oncogenic viruses.
14. Larva migrans.
15. Dimorphic fungi.
16. Structure of Influenza virus.
17. *Balantidium coli*.
18. Name four antifungal agents.
19. Tzanck smear.
20. *Trichomonas vaginalis*.
21. Distinguish *Candida* from *Cryptococcus*.
22. Paired serum sample.