

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. Classify Hypersensitivity .Discuss Type 1 hypersensitivity with examples. (3+7)
2. Enumerate the organisms causing Pharyngitis. Discuss the pathogenesis and laboratory diagnosis of Diphtheria. (2+3+5).

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

10x5=50

3. Methicillin resistant Staphylococcus aureus.
4. Laboratory diagnosis of acute pyogenic meningitis.
5. Cutaneous Anthrax.
6. Co-agglutination test.
7. Antibiotic Sensitivity testing.
8. Mechanisms of Autoimmunity.
9. Bacterial growth curve.
10. Polymerase chain reaction.
11. Laboratory diagnosis of UTI.
12. Atypical Mycobacteria.

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

10x3=30

13. Contributions of Robert Koch.
14. Principle and Applications of dark ground Microscopy.
15. MHC Restriction.
16. Name three Oxidase positive bacteria.
17. Distinguish between Lepromatous and Tuberculoid leprosy.
18. Shigella dysenteriae .
19. Satellitism.
20. Attenuation
21. A.S.O. test.
22. Universal precautions.

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MICROBIOLOGY – PAPER - II

QP CODE: 2004

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

2x10=20

1. Classify Viruses .Discuss the method of cultivation of viruses. Add a note on detection of growth of viruses. (2+5+3)
2. Classify Helminths. Describe the life cycle, pathogenesis and laboratory diagnosis of *Ascaris lumbricoides*. (2+3+2+3)

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

10x5=50

3. Free living amoebae.
4. Chickungunya virus.
5. Mycetoma of foot.
6. *Leishmania tropica*.
7. Antigenic variation in influenza virus.
8. *Candida albicans*.
9. Hydatid cyst.
10. Prophylaxis of poliomyelitis
11. *Sporothrix schenckii*.
12. Larva migrans.

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

10x3=30

13. Slow viruses.
14. Dimorphic fungi.
15. Definitive host.
16. Enumerate the virus causing Diarrhea.
17. *Leishmania* Donovan bodies.
18. Name four species of *Aspergillus*.
19. Name four oncogenic viruses.
20. Concentration method of stool examination
21. Distinguish *Rhizopus* and *Mucor*.
22. Negri bodies.