

Jan 2020

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. Enumerate the various methods of gene transfer in bacteria. Discuss conjugation, and add a note on Drug resistance in bacteria. (2+5+3)
2. Classify Clostridia .Discuss the pathogenesis and laboratory diagnosis of Gas gangrene. (2+3+5)

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

10x5=50

3. Type III Hypersensitivity.
4. Toxins and enzymes produced by S. pyogenes.
5. C- reactive protein.
6. Non sporing anaerobes
7. Mycobacterium Leprae.
8. Laboratory diagnosis of Enteric fever.
9. Halophilic Vibrios.
10. Monoclonal Antibodies.
11. Cell mediated Immune response.
12. Helicobacter Pylori.

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

10x3=30

13. Enumerate the methods to demonstrate motility in bacteria.
14. Transport media.
15. ELEK gel precipitation test.
16. List the infections caused by P. aeruginosa.
17. Distinguish between Active and Passive Immunity.
18. Coagulase test.
19. Natural killer cells.
20. Activation of Alternate complement pathway.
21. Tyndalization
22. Enumerate the changes occurring in various phases of bacterial growth curve.

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MICROBIOLOGY – PAPER - II

QP CODE: 2004

Your answer should be specific to the questions asked.

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

2x10=20

1. Discuss the pathogenesis and laboratory diagnosis of HIV. Add a note on opportunistic infections. (3+5+2)
2. Classify Cestodes. Describe the life cycle, pathogenesis and laboratory diagnosis of Echinococcus granulosus. (2+3+2+3).

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

10x5=50

3. Laboratory diagnosis of toxoplasmosis.
4. Chickungunya virus.
5. Sporotrichosis.
6. Amoebic dysentery.
7. Herpes simplex virus.
8. Dermatophytes.
9. Visceral leishmaniasis.
10. Prophylaxis of Hepatitis B virus
11. Aspergillosis.
12. Viral Tissue culture .

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

10x3=30

13. Paul Bunnell test.
14. Enumerate the viruses transmitted through blood.
15. Enumerate the Fungi causing Keratitis.
16. Interferons.
17. Enumerate the opportunistic protozoal parasites.
18. Candidiasis.
19. Enumerate the viruses causing Haemorrhagic fever.
20. Viral transport medium.
21. MMR vaccine.
22. Black water fever.