

July-Aug-2021

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 Question 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)

2 x 10 = 20

1. Define sterilization. Mention different methods of sterilization. Add a note on Autoclave
(2+3+5)
2. Describe morphology, cultural characters, pathogenicity and laboratory diagnosis of
Corynebacterium diphtheria. (2+2+2+4)

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

10 x 5 = 50

3. Bacillus Anthrax
4. Widal Test
5. Agglutination test
6. Innate immunity
7. Hot air oven
8. Anaphylaxis
9. Difference between Exotoxins and Endotoxins.
10. Louis Pasteur
11. Laboratory diagnosis of pulmonary tuberculosis.
12. Bacterial spore

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

10 x 3 = 30

13. Tyndalization
14. Ig M
15. Name 3 transport Media.
16. Name 3 Gram positive bacilli.
17. Name methods of Gene transfer.
18. Name 3 autoimmune diseases.
19. Name 3 bacteria causing Diarrhea.
20. Elek's test.
21. Significant bacteriuria
22. Catalase test.

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**BLDE (DEEMED TO BE UNIVERSITY)
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MICROBIOLOGY – PAPER – II

QP CODE: 2004

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

2 x 10 = 20

1. Describe morphology, and laboratory diagnosis of Human immunodeficiency virus. Add note on opportunistic infections of HIV. (2+4+4)
2. Mention general characters of Cestodes. Describe life cycle, pathogenesis and laboratory diagnosis of Echinococcus granulosus. (1+3+3+3)

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

10 x 5 = 50

3. Laboratory diagnosis of Herpes simplex
4. Hepatitis B virus.
5. Viral cultivation methods.
6. Cryptococcosis.
7. Ascariasis.
8. Rhinosporidiosis
9. Extra intestinal amoebiasis.
10. Giardiasis.
11. Dermatophytosis
12. Cysticercosis.

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

10 x 3 = 30

13. Name three Trematodes.
14. Antigenic drift.
15. Universal precautions
16. Enlist three parasites seen in blood.
17. Draw neat labeled diagram of egg of Trichuris trichiura.
18. Enlist three viruses causing diarrhea.
19. NIH swab
20. Name three opportunistic fungi
21. Draw neat labeled diagram of Bacteriophage.
22. Loeffler's syndrome