

July 2019

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. Define and classify hypersensitivity reactions. Describe type IV hypersensitivity reaction in detail.
2. Enumerate causative agents of enteric fever, Describe pathogenesis and laboratory diagnosis of enteric fever.

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

10x5=50

3. Autoclave.
4. Methods for gene transfer.
5. Streptococcus pyogenes.
6. T Lymphocytes.
7. Standard tests for syphilis.
8. Chlamydia trachomatis.
9. Laboratory diagnosis of gas gangrene.
10. Mechanisms of autoimmunity.
11. Bacterial cell wall.
12. Q fever.

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

10x3=30

13. Elek's gel precipitation test.
14. Name three Heterophile agglutination tests.
15. Name three indole producing bacteria.
16. Selective media
17. Examples of halophilic vibrios.
18. Characteristics of IgG.
19. Cholera red reaction.
20. Three organisms causing nongonococcal urethritis.
21. BCG vaccine.
22. Enteropathogenic E. coil.

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MBBS PHASE - II EXAMINATION

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MICROBIOLOGY – PAPER - II

QP CODE: 2004

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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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. Classify Picornaviridae .Discuss the pathogenesis and laboratory diagnosis of polio virus. Add a note on its prophylaxis. (2+2+4+2)
2. Classify Protozoa. Discuss the pathogenesis and laboratory diagnosis of Amoebic dysentery. (2+3+5).

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

10x5=50

3. Cultivation of viruses.
4. Kysanur forest disease.
5. Dermatophytes.
6. Laboratory diagnosis of Kala Azar.
7. Serological markers of Hepatis B virus Infection.
8. Cryptococcus neoformans.
9. Neurocysticercosis.
10. Ancylostoma duodenale
11. Sporothrix schenkii.
12. Laboratory diagnosis of toxoplasmosis.

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

10x3=30

13. Draw a neat labeled diagram of Trichomonas vaginalis.
14. Dimorphic fungi.
15. Intermediate host.
16. KOH preparation.
17. Interferon
18. Germ tube test
19. Microfilaria
20. Loeffler's syndrome
21. Casoni's test.
22. Negri bodies.