

July 2018

BLDE UNIVERSITY
MBBS PHASE – II EXAMINATION

[Duration : 3 Hours]

[Max.Marks:100]

MICROBIOLOGY – PAPER – I
QP CODE : 2003

Your answer should be specific to the questions asked.

Draw neat labeled diagram 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)

2 x 10 = 20

1. Name the bacterial agents causing diarrhea. Write pathogenesis and Laboratory diagnosis of cholera.
2. Classify hypersensitivity reactions with examples, Add a note about Type-I hypersensitivity.

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

10 x 5 = 50

3. Transduction.
4. Hot air Oven.
5. V.D.R.L test
6. Bacterial Spore.
7. Autoimmunity.
8. Laboratory diagnosis of pulmonary tuberculosis
9. Compare Exotoxins & Endotoxins.
10. Gas gangrene.
11. Louis Pasteur.
12. Blood Culture.

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

10 x 3 = 30

13. L.Forms.
14. Lepromin test.
15. Quellung Reaction.
16. Selective Media and their Uses.
17. Graft Vs Host Reaction.
18. Helicobacter pylori.
19. Pasteurization.
20. Immunoglobulin M.
21. Characteristics of pathogenic Staphylococci.
22. Draw neat labeled diagram of Gram negative cell wall.

July 2018

BLDE (DEEMED TO BE UNIVERSITY)
MBBS PHASE – II EXAMINATION

[Time: 3 Hours]

[Max.Marks: 100]

MICROBIOLOGY – PAPER - I
QP CODE: 2013

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. Give an account of morphology, pathogenesis and laboratory diagnosis of mycobacterium tuberculosis (2+3+5)
2. What is complement? What are the different types of pathways for complement activation? Discuss about classical pathway of complement. (2+3+5)

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

10x5=50

3. Genetic Engineering
4. Write short notes on viridans streptococci
5. Innate Immunity
6. ELISA
7. Laboratory diagnosis of Diphtheria
8. Gas gangrene
9. Bacterial growth curve
10. Standard test for syphilis
11. Monoclonal antibodies and its application
12. Bacterial filters

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

10x3=30

13. Phagocytosis
14. Live Bacterial vaccines
15. X & V factors
16. Elek's test
17. Enriched media
18. Natural Killer cells
19. Draw diagram of IgM & label its parts
20. IMViC Reaction
21. Name three bacteria causing dysentery
22. Kochs Postulates

July 2018

BLDE UNIVERSITY
MBBS PHASE - II EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MICROBIOLOGY – PAPER - II
QP CODE : 2004

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 morphology, pathogenicity, laboratory diagnosis and prophylaxis of hepatitis B virus.
2. Classify tape worms. Describe morphology, pathogenicity and laboratory diagnosis of Taenia solium.

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

10x5=50

3. Laboratory diagnosis of HIV/AIDS.
4. Rubella
5. Life cycle of round worm.
6. Cultivation of viruses.
7. Concentration methods of stool.
8. Entamoeba histolytica.
9. Opportunistic mycosis.
10. Schistosoma haematobium.
11. Laboratory diagnosis of Filariasis.
12. Hepatitis C virus.

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

10x3=30

13. Enlist Arboviral infections in India.
14. Primary amoebic meningo – encephalitis.
15. Paul Bunnell test.
16. Loeffler's syndrome.
17. Inclusion bodies.
18. Enlist fungi causing mycetoma.
19. Black water fever.
20. Prions.
21. MMR vaccine.
22. Enlist dimorphic fungi.

July-2018

BLDE (DEEMED TO BE UNIVERSITY)
MBBS PHASE – II EXAMINATION

[Time: 3 Hours]

[Max.Marks: 100]

MICROBIOLOGY – PAPER - II
QP CODE: 2014

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 Hepatitis viruses. Describe the pathogenesis and laboratory diagnosis of Hepatitis B virus
(2+3+5)
2. Enlist the cestodes. Describe the morphology, pathogenicity & laboratory diagnosis of Echinococcus granulosus.
(2+2+3+3)

Short Essay: (Answers to be started on fresh page only) 10x5=50

3. Mycetoma
4. Cultivation of viruses
5. Antifungal agents
6. Inclusion bodies
7. Candidiasis
8. Pathogenesis & laboratory diagnosis of Wuchereria Bancrofti
9. Vaccines against rabies
10. Laboratory diagnosis of Dengue fever
11. Newer methods of diagnosing malaria
12. Oculomycosis

Short Answers: (Leave three lines gap between the answers) 10x3=30

13. List three fungi causing CNS infections
14. Antigenic shift
15. Stains used for studying fungi
16. Rota virus
17. NIH swab
18. Enumerate three parasites infecting intestines
19. Casoni's test
20. MMR vaccine
21. Prions
22. Sabin fieldman dye test