

Jan-2018

BLDE UNIVERSITY
MBBS PHASE – II EXAMINATION
(REVISED SCHEME)
MICROBIOLOGY - PAPER - I
QP CODE: 2003

[Max.Marks : 100]

[Time : 3 Hours]

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) **2 x 10 = 20 marks**

1. What is Sterilization? Mention different methods of sterilization. Add a note on the principle and working of autoclave. (2+3+5)
2. Classify hypersensitivity reactions. Describe in detail about type – I hypersensitivity reaction. (3+7)

Short Essay: (Answers to be started on fresh page only) **10 x 5 = 50 marks**

3. Standard tests for Syphilis
4. PCR
5. Innate immunity
6. Bacterial growth curve
7. Streptococcus Viridans
8. Monoclonal antibodies and its application
9. ELISA
10. Laboratory Diagnosis of Diphtheria
11. Lyme disease
12. Laboratory diagnosis of Cholera

Short Answer: (Leave three lines gap between the answers) **10 x 3 = 30 marks**

13. Non – Gonococcal urethritis (NGU)
14. Mc Faydean's reaction
15. Gardnerella Vaginalis
16. BCG Vaccine
17. Name three autoimmune diseases
18. MRSA
19. Secretory - IgA
20. Transferable drug resistance
21. TRIC Agents
22. Satellitism

MBBS PHASE – II EXAMINATION

(REVISED SCHEME)

[Max.Marks : 100]

[Time : 3 Hours]

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.

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Long Essay: (Answers to be started on fresh page only)**2 x 10 = 20 marks**

1. Describe morphology and laboratory diagnosis of Rabies virus. Add a note on vaccines against Rabies. (3+3+4)
2. List the blood and tissue flagellates Describe morphology, pathogenecity and laboratory diagnosis of leishmania donovani. (2+2+3+3)

Short Essay: (Answers to be started on fresh page only)**10 x 5 = 50 marks**

3. Dermatophytes
4. Laboratory diagnosis of amoebiasis.
5. Various organism causing sore throat and methods of diagnosis in the laboratory
6. Mycetoma
7. Candidiasis
8. Laboratory diagnosis of HIV
9. Hepatitis A Virus
10. Polio Vaccines
11. Hydatid cyst
12. Ascaris lumbricoides

Short Answer: (Leave three lines gap between the answers)**10 x 3 = 30 marks**

13. Three viruses causing diarrhoea
14. Name three arbovirus
15. Antigenic shift
16. DEC provocation test
17. Enumerate three parasites infecting intestine
18. Differences between Ascaris lumbricoides and Ancylostoma duodenale
19. Name three dimorphic fungi
20. Cytopathic effects.
21. NIH Swab
22. Three complication of Pl. falciparum

Jan-2016

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[Max.Marks : 100]

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

2x10=20

1. Describe in detail the morphology of a bacterial cell.
2. Enumerate the Sexually transmitted bacterial infections. Describe the morphology, pathogenesis and laboratory diagnosis of infection caused by *Treponema pallidum*.

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

10x5=50

3. Louis Pasteur.
4. Methods of anaerobic cultivation.
5. Agglutination test.
6. BCG Vaccine.
7. Lesions caused by *Streptococcus pyogenes*
8. Gas gangrene
9. Anaphylaxis.
10. Concentration techniques for sputum.
11. Salmonella food poisoning
12. Halophilic vibrio.

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

10x3=30

13. Fumigation.
14. Resistance transfer factor
15. Sensitivity and specificity of a serological reaction
16. Adjuvants
17. Name three autoimmune diseases and their auto antibodies.
18. Enterotoxins of *Staphylococcus aureus*
19. CAMP test
20. Passive immunity
21. Neil – Mooser reaction
22. Nosocomial infections

July-2016

BLDE UNIVERSITY
MBBS PHASE - II EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MICROBIOLOGY – PAPER - II
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Long Essay: (Answers to be started on fresh page only) 2x10=20

1. Describe the morphology, pathogenicity, laboratory diagnosis and prophylaxis of rabies.
2. Enlist species of malarial parasites. Describe the life cycle, pathogenicity and laboratory diagnosis of malaria.

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

3. Herpes simplex virus
4. Larva migrans.
5. Hook worm.
6. Rhinosporidiosis.
7. Mumps.
8. Echinococcus granulosus.
9. Dermatophytes.
10. Cryptococcus neoformans
11. Dracunculus medinensis.
12. Japanese encephalitis.

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

13. Giardia intestinalis.
14. Type D hepatitis.
15. Germ tube test.
16. Rota virus.
17. Sabourad's dextrose agar.
18. Occult filariasis.
19. Cryptosporidium parvum.
20. Enlist fungi causing otomycosis.
21. Prophylaxis of poliomyelitis.
22. Differences between Orthomyxoviruses and Paramyxoviruses.