

Feb-2017 BLDE UNIVERSITY

MBBS PHASE – II EXAMINATION

(REVISED SCHEME)

MICROBIOLOGY - PAPER - I

QP CODE: 2013

[Time : 3 Hours]

[Max.Marks : 100]

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. Enumerate antigen antibody reactions in vitro. Describe agglutination reactions with suitable examples. (2+8)
2. Describe cultural characters, pathogenicity and laboratory diagnosis of *Corynebacterium diphtheriae*.

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

10 x 5 = 50 marks

3. MRSA
4. TRIC Agents
5. Classical complement pathway
6. IgM
7. Delayed hypersensitivity
8. Transport media
9. Chemical agents of sterilization
10. Drug resistance
11. Anthrax
12. Laboratory diagnosis of syphilis

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

10 x 3 = 30 marks

13. Mention three uses of autoclave.
14. Q fever
15. LJ media
16. BCG vaccine
17. Halophilic vibrios
18. Classification of Streptococci
19. Antigen presenting cells
20. Pigments produced by *Pseudomonas aeruginosa*.
21. List three organisms causing non-gonococcal urethritis
22. Significant bacteriuria

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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 various antigen – antibody reactions. Describe agglutination reactions.
2. Mention the general properties of the family enterobacteriaceae. Describe the pathogenesis and lab diagnosis of enteric fever.

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

3. Delayed type hypersensitivity
4. Bacterial flagella
5. Endotoxins
6. Halophilic vibrios
7. Major histocompatibility complex
8. Epidemic typhus
9. Lyme disease
10. Methicillin resistant staphylococcus aureus
11. Lympho Granuloma venereum
12. Immunofluorescence

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

13. Nagler's reaction
14. Bacterial zoonotic diseases
15. Catalase test
16. Lesions caused by group 'B' streptococci
17. L forms
18. Name 3 live attenuated vaccines
19. Albert's staining
20. Differential media with two examples
21. Pasteurization
22. Chromogenic Bacteria with examples

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MBBS PHASE – II EXAMINATION

(REVISED SCHEME)

MICROBIOLOGY - PAPER - II

QP CODE : 2014

[Time : 3 Hours]

[Max.Marks : 100]

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. Classify Hepatitis virus. Describe morphology, and laboratory diagnosis of Hepatitis B virus.

(2+3+5)

2. Enlist the cestodes. Describe morphology, pathogenicity and laboratory diagnosis of Echinococcus granulosus.

(4+6)

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

10 x 5 = 50 marks

3. Mycetoma
4. Nosocomial infections.
5. Universal precautions
6. Cryptococcosis
7. Cultivation of viruses
8. Dermatophytes
9. Vaccines against rabies
10. Opportunistic infections associated with HIV infections
11. Laboratory diagnosis of Malaria.
12. Trichomonas vaginalis

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

10 x 3 = 30 marks

13. Draw neat labeled diagram of HIV
14. Name three arboviruses.
15. MMR Vaccine
16. Enumerate three parasites of small intestine.
17. Free living amoeba
18. Draw neat labeled diagram of eggs of Ascaris lumbricoides.
19. Name three heamoflagellates.
20. Name three trematodes.
21. Draw labeled diagram of trophozoite and cyst of Giardia lamblia
22. Draw neat labeled diagram of head of T.solium

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MBBS PHASE – II EXAMINATION

[Duration : 3 Hours]

[Max.Marks:100]

MICROBIOLOGY – PAPER –II
QP CODE : 2004

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. Classify cestodes. Describe the life cycle, pathogenesis and laboratory diagnosis of *Echinococcus granulosus*.
2. Enumerate the arboviruses present in India. Describe the pathogenesis and laboratory diagnosis of dengue fever.

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

10 x 5 = 50

3. Laboratory diagnosis of hepatitis B infection
4. Slow virus diseases
5. Antigenic drift and antigenic shift
6. Rota virus
7. *Candida albicans*
8. Prophylaxis of rabies
9. Mycetoma
10. Laboratory diagnosis of malaria
11. *Paragonimus westermani*
12. Extraintestinal amoebiasis

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

10 x 3 = 30

13. Name the interferons and their biological effects
14. Draw neat labeled diagram of influenza virus
15. *Molluscum contagiosum*
16. MMR vaccine
17. *Aspergillus*
18. Viruses causing jaundice
19. Laboratory diagnosis of toxoplasmosis
20. *Larva migrans*
21. Negri bodies
22. Enlist three dimorphic fungi