

Jan-2015

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. Define and classify sterilization. Describe sterilization by dry heat.
2. Enlist bacterial diarrheal diseases. Describe the pathogenesis and laboratory diagnosis of cholera.

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

3. Laboratory diagnosis of gonorrhoea.
4. IgM antibody
5. Bacterial spore
6. Bacterial zoonotic diseases
7. ELISA
8. Toxins produced by Streptococcus pyogenes
9. Atopy
10. Prophylaxis of tetanus
11. Hapten
12. Coxiella burnetti

**Short Answers: (Leave three lines gap between the answer)** **10 x 3 = 30**

13. Atypical Mycobacteria
14. Examples for cytokines
15. Transport media
16. Principle of Widal test
17. Bacterial filters
18. Bile solubility test
19. Plasmid
20. Metachromatic granules
21. Halophilic vibrio
22. Name the specific tests for syphilis

Jan-2015

BLDE UNIVERSITY  
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. Enumerate viruses causing Hepatitis. Describe pathogenesis, lab diagnosis of Hepatitis-B. Add a note on its prophylaxis.
2. Describe the morphology and pathogenesis of Leishmania donovani. Add a note on the lab diagnosis of Kala-azar.

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

**10 x 5 = 50**

3. Varicella zoster.
4. Prophylaxis of Poliomyelitis.
5. Cultivation of Viruses.
6. Post exposure prophylaxis of Rabies.
7. Oncogenic viruses.
8. Cryptosporidium parvum.
9. Lab diagnosis of Intestinal Amoebiasis.
10. Enterobius vermicularis.
11. Candidiasis.
12. Rhinosporidiosis.

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

**10 x 3 = 30**

13. Viruses causing Diarrhoea.
14. Casoni's test.
15. Draw neat labeled diagram of three bile stained eggs.
16. Ecto parasites.
17. Draw neat labeled diagram of Influenza virus.
18. Tzanck smear.
19. NIH swab.
20. KOH mount
21. Mycotoxins.
22. Three parasites infecting AIDS patients.

Jan-2015

**BLDE UNIVERSITY**  
**MBBS PHASE – II EXAMINATION**  
**(REVISED SCHEME)**  
**MICROBIOLOGY - PAPER - II**  
**QP CODE : 2004**

[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 viruses with example. Outline laboratory diagnosis of HIV. (4+6)
2. Enlist intestinal protozoa. Describe morphology, pathogenicity and laboratory diagnosis of Entamoeba histolytica. (4+6)

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

**10 x 5 = 50 marks**

3. Aspergillosis
4. Define and enumerate various causes of PUO (Pyrexia of unknown origin).
5. Universal precautions.
6. Candidiasis
7. Molluscum contagiosum
8. Inclusion bodies
9. Hepatitis B virus
10. Dematophytes
11. Cysticercus Cellulosae
12. Laboratory diagnosis of filariasis.

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

**10 x 3 = 30 marks**

13. MMR vaccines
14. DNA viruses
15. Sporotrichosis
16. Enumerate three parasitic infections acquired by entry of infective forms through skin.
17. Draw neat labeled diagram of egg of trichuris trichiura
18. Dracunculus medinensis
19. Name three trematodes
20. Complications of facliparum malaria.
21. Cryptosporidium parvum
22. Cutaneous leishmaniasis