

Jan - 2014

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. Enumerate physical methods of sterilization. Describe in detail sterilization by moist heat.
2. Enumerate bacteria causing acute gastroenteritis. Describe pathogenesis & laboratory diagnosis of cholera.

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

10 x 5 = 50

3. Activation of complement by classical pathway
4. Standard tests for syphilis
5. Laboratory diagnosis of Meningococcal meningitis
6. Exotoxins
7. B lymphocytes
8. Haemophilus influenzae
9. Immunofluorescence test
10. Toxins of Clostridium welchi
11. Type I hypersensitivity
12. Yersinia pestis

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

10 x 3 = 30

13. Cold sterilization
14. Name primary lymphoid organs & their role in Immunity
15. IMViC tests
16. Monoclonal antibodies
17. Campylobacter jejuni
18. Passive Immunity
19. Lepromin test
20. Name three test for identification of pneumococci
21. Counter immune electrophoresis
22. Classify Atypical Mycobacteria with examples

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MICROBIOLOGY – PAPER – II

QP CODE : 2004

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Draw neat labeled diagram wherever necessary.

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Write Question No. in left side of margin.

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

2 x 10 = 20

1. Discuss the morphology, life cycle and pathogenesis of plasmodium falciparum.
Write briefly on Laboratory diagnosis of Malaria.
2. Describe the morphology, pathogenesis and Laboratory diagnosis of HIV/AIDS. Add a note on Universal precautions.

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

10 x 5 = 50

3. Interferon.
4. Inclusion Bodies.
5. Dengue Virus.
6. Herpes Simplex virus.
7. Cocksackie viruses.
8. Dermatophytes.
9. Parasites causing anaemia.
10. Filariasis.
11. Dimorphic fungi.
12. Aspergillosis.

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

10 x 3 = 30

13. Name three viruses causing Meningitis.
14. Prions.
15. Viral Vaccines.
16. Draw neat labeled diagram of Hepatitis-B virus.
17. Draw neat labeled diagram of Microfilaria.
18. Three salient features of Cestodes.
19. Hydatid Cyst.
20. Pneumocystis carinii.
21. Superficial Mycosis.
22. Draw neat labeled diagram of Trichomonas vaginalis.