

DEC-2011

BLDE UNIVERSITY
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. Define sterilization and discuss sterilization by moist heat.
2. Enumerate the causes of Pyrexia of unknown origin. Describe the pathogenesis and laboratory diagnosis of enteric fever.

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

10x5=50

3. Non – suppurative complications of Streptococcus pyogenes.
4. IgG antibody.
5. Bacterial flagella.
6. Modes of spread of infection.
7. Heterophile agglutination tests.
8. Toxins produced by Staphylococcus aureus.
9. Mediators of anaphylaxis.
10. Clostridium botulinum.
11. Active immunity.
12. Chlamydia trachomatis.

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

10x3=30

13. Name three Rickettsial diseases and their vectors.
14. Satellitism.
15. El Tor Vibrios.
16. Different types of transplantation.
17. Name three antibacterial sera used for passive immunization.
18. Exotoxins.
19. Name three commonly used selective media and their use.
20. Transduction.
21. Pigments produced by Pseudomonas aeruginosa.
22. Lepromin test.

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MICROBIOLOGY – PAPER - II
QP CODE : 2004

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Write Question No. in left side of margin.

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

2x10=20

1. Classify cestodes. Describe the life cycle, pathogenesis and laboratory diagnosis of Echinococcus granulosus
2. Enumerate the viruses causing hepatitis? Describe the morphology, laboratory diagnosis and prevention of hepatitis B.

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

10x5=50

3. Varicella Zoster virus
4. Adenovirus
5. Interferons
6. Slow viral diseases
7. Dermatophytes
8. Laboratory diagnosis of HIV/AIDS
9. Rhinosporidiosis
10. Laboratory diagnosis of Amoebiasis
11. Enterobius vermicularis
12. Trichomonas vaginalis

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

10x3=30

13. Name different cell lines used for cultivation of viruses
14. Tzanck smear
15. Name 3 viruses transmitted by Arthropods
16. Viruses causing diarrhea
17. Keratomycosis
18. Wood' s lamp
19. Draw a neat labeled diagram of egg of Taenia
20. Viruses causing cancer
21. Pathogenicity of hook worm
22. Sabin Fieldman dye test