

Jan-2011
BLDE UNIVERSITY

MBBS PHASE – II EXAMINATION – JANUARY 2011

[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.

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

2x10=20

1. Describe the mechanisms of bacterial antimicrobial resistance with examples and their clinical implications
2. Mention the general properties of the family Enterobacteriaceae. Describe the pathogenesis, laboratory diagnosis and prophylaxis of Enteric fever

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

10x5=50

3. Lymphogranuloma venereum
4. Antigen antibody reactions and their applications
5. Halophilic vibrios
6. Major histocompatibility complex
7. Anaphylaxis
8. Lepromin test
9. Bacterial flagella
10. Environmental mycobacteria
11. Gonorrhoea
12. Autoimmunity

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

10x3=30

13. Bacterial filters
14. Clostridium difficile
15. Toxins of Staphylococcus aureus
16. Kanagawa phenomenon
17. Catalase test
18. BCG vaccine
19. Pseudomonas aeruginosa- clinical importance
20. Sterilization controls
21. Legionella pneumophila
22. Blood culture

MICROBIOLOGY – PAPER II

QP CODE : 2004

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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

2x10=20

1. Name hepatotropic viruses. Describe the epidemiology, pathogenesis, laboratory diagnosis and prophylaxis of Hepatitis –B virus infection
2. Mention the general characters of cestodes. Describe the pathogenesis and laboratory diagnosis of Hydatid disease.

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

10x5=50

3. Inclusion bodies
4. Dengue virus
5. Mycetoma
6. Tissue culture
7. Pneumocystis jiroveci
8. Dermatophytes
9. Lifecycle of Plasmodium vivax
10. Larva migrans
11. Bacteriophage
12. Prion diseases

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

10x3=30

13. Tzanck smear
14. CD4 count
15. Germ tube test
16. Aspergillus flavus
17. Antigenic shift
18. Congenital rubella syndrome
19. Primary amoebic meningoencephalitis
20. Sporotrichosis
21. Specific tests of HIV infection
22. Polio vaccines