BLDE UNIVERSITY JULY

MBBS PHASE – II EXAMINATION – [redacted] 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. Define and classify Hypersensitivity. Describe in detail Type I hypersensitivity
2. Enumerate Zoonotic bacterial diseases. Describe in detail pathogenesis, laboratory diagnosis and prophylaxis of leptospirosis.

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

3. Contributions of Robert Koch
4. Bacterial spore
5. Autoclave
6. Describe the mechanisms of autoimmunity
7. Describe briefly the determinants of antigenicity
8. Coomb's test
9. Coagulase negative Staphylococci
10. M' Fadyean's reaction
11. Bacterial food poisoning
12. Brucellosis

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

13. Sterilization by radiation
14. Bacterial growth curve
15. Gas pak jar
16. Epitope & Paratope
17. Herd immunity
18. NK Cells
19. DPT vaccine
20. Saprophytic tubercle bacilli
21. Stormy clot fermentation
22. 'Q' fever

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MBBS PHASE – II EXAMINATION – [redacted] 2011

[Time : 3 Hours] [Max.Marks : 100]

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. Describe the morphology, pathogenesis, laboratory diagnosis and Immunoprophylaxis of human rabies.
2. Classify nematodes. Describe life cycle, pathogenesis and laboratory diagnosis of Ancylostoma duodenale

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

3. Cysticercus cellulosae
4. Giardiasis
5. Black water fever
6. Chikungunya virus
7. Occult filariasis
8. Dengue hemorrhagic fever
9. Antigenic drift and antigenic shift
10. Laboratory diagnosis and prophylaxis of HBV
11. Cryptococcosis
12. Laboratory diagnosis of amoebic dysentry

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

13. NIH swab
14. Viral Inclusion bodies
15. Molecular methods in laboratory diagnosis
16. Modes of transmission of HIV
17. Mycotoxins
18. Trichmoniasis
19. Dimorphic fungi
20. Hepatitis C virus
21. Draw a neat labeled diagram of H.nana
22. Aspergilloma