

AKM-811
M. B. B. S. (Second Professional)
Examination, 2008
MICROBIOLOGY
Paper First
(General Bacteriology, Systemic Bacteriology
mycology and clinical microbiology)

Time : Three Hours

M. M. : 40

Note : Attempt all questions in proper sequence.

1. Enumerate the organisms causing diarrhoeal diseases.
How will you diagnose a case of cholera.
2. Write lab-diagnosis of the following :
 - (a) Salmonella typhi
 - (b) Diplococcus Pneumoniae
 - (c) Treponema Pallidum
 - (d) Neisseria meningitidis
3. Write short notes on the following :
 - (a) Dermatophytes
 - (b) Helicobacter Pylori
 - (c) Sterilisation by moist heat
 - (d) Anaerobic culture methods
4. Differentiate between (any two)
 - (a) Corynebacterium gravis, Intermedius & mitis
 - (b) Exotoxins & Endotoxins
 - (c) Mycobacterium tuberculosis & bovis
5. Write short notes on following :
 - (a) ELISA technique
 - (b) CRP test
 - (c) Significant bacteriuria
 - (d) Weil Felix reaction.

AKM-812
M. B. B. S. (Second Professional)
Examination, 2008
MICROBIOLOGY
Paper II

Time : Three Hours

M. M. : 40

Note : Attempt all questions.

1. Discuss briefly the classical pathway of complement activation.
Name the diseases caused due to deficiency of complement. 13
2. Describe morphology of HIV and laboratory diagnosis of HIV infection. 13
3. Write short notes on :
 - (i) Amoebic dysentery 3.5
 - (ii) Ascariasis 3.5
 - (iii) Black water fever 3.5
 - (iv) Ascariasis. 3.5