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KK-4010

Second Year M. B. B. S. Examination

December — 2012

Microbiology : Paper - II

Time : 2 Hours] [Total Marks : **40**

Instructions :

(1)

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Fillup strictly the details of 0- signs on your answer book.
Name of the Examination :
S. Y. M.B.B.S.
Name of the Subject :
Microbiology - 2
-p- Subject Code No. : LIJ 0 0 -Section No. (1, 2, ..) Nil

Seat No.: 771-10-17

Student's Signature

(2) Figures to the right indicate full marks for the question.

(3) Draw labelled diagram where necessary.

1 Write notes on : (any two) **8**

(a) Write morphological classification of cocci. Enlist and write importance of important enzymes and toxins produced by *Staphylococcus aureus.*

(b) Describe morphology and laboratory diagnosis of diseases produced by *Neisseria.*

(c) Classify *Vibrio* on the base of antigenic characters. Write laboratory diagnosis of cholera.

2 Write notes on : (any three) 12

(a) Cytopathic effects due to viral infection of a cell.

(b) Basic structure of influenza virus.

(c) Clinical features and complications due to Hepatitis B virus infection.

(d) Lysogenic bacteriophage.

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3 Write notes on : (any two) 8

(a) Technique of skin scrapping for microscopic examination for diagnosis of fungal infections.

(b) Enlist opportunistic mycotic diseases and write importance of these infections.

(c) Dermatophytes.

4 Write notes on : (any three) **12**

(a) Differentiate typical and a typical Mycobacteria

(b) Importance of Widal test

(c) Enlist different laboratory diagnostic tests for Leptospirosis, write about technique of any one

(d) Significant bacteriurea.

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