



KK-4010
Second Year M. B. B. S. Examination
December — 2012
Microbiology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

<p>414 sa124.ci. CiALL41q.L41 r1A⁴41 LO. Fillup strictly the details of 0- signs on your answer book.</p> <p>Name of the Examination : O- S. Y. M.B.B.S.</p> <p>Name of the Subject : O- Microbiology - 2</p> <p>4p- Subject Code No. : L1J 0 0 -Section No. (1, 2, ..) Nil</p>	<p>Seat No.:</p> <p style="font-size: 1.5em;">771-10-17</p> <div style="border: 1px solid black; border-radius: 15px; height: 60px; margin-top: 10px; display: flex; align-items: center; justify-content: center;"> <p>Student's Signature</p> </div>
---	---

- (2) Figures to the right indicate full marks for the question.
(3) Draw labelled diagram where necessary.

- | | | |
|---|---|----|
| 1 | <p>Write notes on : (any two)</p> <p>(a) Write morphological classification of cocci. Enlist and write importance of important enzymes and toxins produced by <i>Staphylococcus aureus</i>.</p> <p>(b) Describe morphology and laboratory diagnosis of diseases produced by <i>Neisseria</i>.</p> <p>(c) Classify <i>Vibrio</i> on the base of antigenic characters. Write laboratory diagnosis of cholera.</p> | 8 |
| 2 | <p>Write notes on : (any three)</p> <p>(a) Cytopathic effects due to viral infection of a cell.</p> <p>(b) Basic structure of influenza virus.</p> <p>(c) Clinical features and complications due to Hepatitis B virus infection.</p> <p>(d) Lysogenic bacteriophage.</p> | 12 |

- 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 atypical Mycobacteria
 - (b) Importance of Widal test
 - (c) Enlist different laboratory diagnostic tests for Leptospirosis, write about technique of any one
 - (d) Significant bacteriuria.