



R-3712

Second Year M. B. B. S. Examination

June / July - 2018

Microbiology : Paper - I

(General Microbiology, Immunology & Parasitology)

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

ದಿವ್ಯ ಕೆಲಸ - ಪರೀಕ್ಷೆಗೆ ಪೂರೈಕೆ ಮಾಡುವಾಗ, ನಿಮ್ಮ ವಿವರಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ತಿಳಿಸಿ ಮತ್ತು ನಿಮ್ಮ ಉತ್ತರ ಪುಸ್ತಕದ ಮೇಲೆ ಸಹಿ ಹಾಕಿ. Name of the Examination : S. Y. M. B. B. S. Name of the Subject : MICROBIOLOGY : PAPER - 1 Subject Code No. : 3 7 1 2 Section No. (1, 2, ...): 1&2		Seat No. : <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> Student's Signature						

(2) Answer to the point.

(3) Draw diagram wherever necessary.

SECTION - I

- 1 Properties of ideal disinfectant, describe chemical disinfectants in detail. 8

OR

- 1 Describe different methods of horizontal gene transfer in bacteria. 8

- 2 Write short notes on : (Any Three) 12

- Immunoglobulin M
- Active acquired immunity
- Antigen presenting cells
- Plasmids.

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[Contd.....



SECTION - II

- 3** Write notes on : (Any Two) **10**
- (a) Life cycle & Pathogenesis of *Leishmania donovani*.
 - (b) Morphology & life cycle of *Enterobius vermicularis*.
 - (c) Laboratory methods to detect infection caused by *Wuchereria bancrofti*.
- 4** Write in short : (1-2 sentences) **10**
- (a) Name two enriched media.
 - (b) What is MHC restriction ?
 - (c) Enumerate various sources of infection.
 - (d) Write two properties of antigen.
 - (e) Name two parasites causing carcinoma.
 - (f) Draw labeled diagram of Lattice Hypothesis
 - (g) Write name of transport media for transporting 'Stool of *Vibrio cholera*.
 - (h) Enumerate two parasites seen in peripheral smear.
 - (i) Name definitive host of *Toxoplasma gondii*.
 - (j) Name Infective stage of hookworm and mode of infection.