

**R-3712****Second Year M. B. B. S. Examination**

November / December – 2018

Microbiology : Paper - I*(General Microbiology, Immunology & Parasitology)*

Time : 2 Hours]

[Total Marks : 40

Instructions :

Do not write anything on this page. Fillup strictly the details of signs on your answer book.		Seat No. : <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>						
Name of the Examination : SECOND YEAR M. B. B. S.		<table border="1"><tr><td colspan="2">Student's Signature</td></tr></table>	Student's Signature					
Student's Signature								
Name of the Subject : MICROBIOLOGY - I								
Subject Code No. : 3 7 1 2 Section No. (1, 2,) : 1&2								

SECTION - I

- 1 Write notes on : 8
(1) Life cycle and laboratory diagnosis of *E. histolytica*.
OR
(1) Describe various methods of Antibiotic susceptibility testing. 8
- 2 Write short notes on : (any three) 12
(a) Type-IV hypersensitivity.
(b) Differences between primary and secondary immune response.
(c) Gaseous sterilization.
(d) Plasmid.

SECTION - II

- 3 Write notes on : (any two) 10
(a) Free living amoeba.
(b) Differences between *Taenia solium* and *Taenia saginata*.
(c) Life cycle and laboratory diagnosis of *Ancylostoma deodenale*.

R-3712]

1

[Contd.....





4 Write in short : (1-2 sentences)

10

- (a) Write infective form of *Ascaris lumbricoidea*.
- (b) Enlist two parasites which associated with malignancy.
- (c) Enlist two viviparous parasites.
- (d) Define pasturisation.
- (e) Selective media.
- (f) Define Adjuvent.
- (g) Write two differences between T cell and B cell.
- (h) Define translation.
- (i) Define superinfection.
- (j) Define and write use of Nucleic acid prob.