

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

November / December - 2017

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

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

Fill up strictly the details of signs on your answer book.		Seat No. :
Name of the Examination :		
SECOND YEAR M. B. B. S.		
Name of the Subject :		
MICROBIOLOGY - I		
Subject Code No. :	3 7 1 2	Section No. (1, 2,) 1&2
		Student's Signature

(2) Answer to the point.

(3) Draw diagram wherever necessary.

SECTION - I

1 Describe primary and secondary immune response. 8

OR

1 Define and classify hypersensitivity reactions, describe type I in detail. 8

2 Write short notes on : (any three) 12

(a) Differences between exotoxins and endotoxins.

(b) Hot air oven

(c) Transduction

(d) Humoral Immunity

SECTION - II

3 Write notes on : (any two) 10

(a) Toxoplasma

(b) Life cycle of Taenia

(c) Parasites causing autoinfection.

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[Contd.....



- 4 Write in short : (1-2 sentences) 10
- (a) Name two secondary mediators of anaphylaxis.
 - (b) Write two applications of monoclonal antibodies.
 - (c) Define pleomorphism.
 - (d) What is the principle of phase contrast microscopy.
 - (e) Enumerate Koch's postulates.
 - (f) How will you sterilize glassware ?
 - (g) Name two haemoflagellates.
 - (h) Give names of two parasites producing bile stained eggs.
 - (i) Give names of viviparous parasites.
 - (j) Write common names of *Ascaris lumbricoides* and *Necator americanus*.