



RAN-3712

Second Year M.B.B.S. Examination

December / January - 2019 / 2020

Microbiology : Paper -1

(General Microbiology, Immunology, and Parasitology)

Time: 2 Hours]

[Total Marks: 40

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવટી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Second Year M.B.B.S.

Name of the Subject :

Microbiology : Paper -1

Subject Code No.: 3 7 1 2

Seat No.:

--	--	--	--	--	--

Student's Signature

Section -I

Q.1 Write notes on:

1. Describe morphology, life cycle & Laboratory Diagnosis of Wuchereria bancrofti .

8

OR

1. Define and classify Hypersensitivity reaction. Write in detail about Type IV hypersensitivity.

8

Q.2 Write short notes on: (Any Three)

12

- a) Transduction.
b) ELISA.
c) Monoclonal antibody.
d) Bacterial capsule.

RAN-3712]

[1]

[P.T.O.]



Section- II

Q.3 Write notes on : (Any Two) 10

- a) Cytokines.
- b) Anerobiosis.
- c) Lifecycle and Laboratory diagnosis of Leishmania Donovan.

Q.4 Write in short: (1-2 Sentences) 10

- a) Heterophile antigen.
- b) Enumerate two parasites causing Malignancy.
- c) Jumping gene.
- d) Enumerate four transport media.
- e) Enumerate two Urease test positive bacteria.
- f) Tyndallization .
- g) NIH Swab.
- h) Define Adjuvant.
- i) Enlist Two Viviparous Parasites.
- j) L-form.

