


RAN-3712
Second Year M.B.B.S. Examination
July - 2020
Microbiology : Paper - I
(General Microbiology, Immunology and Parasitology)

Time: 2 Hours] [Total Marks: 40

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉપર 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 - I (General Microbiology, Immunology and Parasitology)

Subject Code No.: 3 7 1 2

Seat No.:

Student's Signature

Section - I

Q.1. Write notes on:

1. Describe morphology, life cycle, pathogenesis & Laboratory Diagnosis of *Ascaris Lumbricoides*. **08**

OR

1. Define Sterilization. Describe in detail about principle and uses of Autoclave. **08**

Q.2. Write short notes on: (Any Three) **12**

a) Real Time PCR.

b) Difference between Amoebic dysentery and Bacillary dysentery.

c) Bacterial Growth Curve.

d) Laboratory diagnosis of Kala Azar.

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Section - II

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

10

- a) Laboratory diagnosis of Malaria.
- b) Bacterial Plasmid.
- c) Sterilization by Radiation.

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

10

- a) Use of Dark ground Microscopy.
- b) Chemical structure of cell wall.
- c) Heterotroph.
- d) Use of Enrichment medium.
- e) Instrument useful for Anaerobiosis.
- f) Urease test and its importance.
- g) Eggs of Necator Americans.
- h) Define Antigen.
- i) Define Nosocomial infection.
- j) Name two parasite found in hepatobilliary tract.

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