

- 6 JAN 2021

Second Year M.B.B.S. Examination

Sub code. 9672

Microbiology :

Paper I (General Microbiology, Parasitology, Mycology.)

Time: 2 Hours]

[Total Marks: 40

- Instructions:-**
- (i) Answer of each section should be written in separate answer book.
 - (ii) Answer should be brief and to the point.
 - (iii) Figure to the right indicates full marks.
 - (iv) Draw diagram when necessary.
 - (v) Illegible writing will not fetch any marks.

SECTION - I

Q-1. Draw a labelled diagram of typical bacterium.

Write in detail about flagella.

8

OR

Q-1. Define sterilization. Write in detail about dry heat sterilization.

8

Q-2. Write short notes on any THREE:

6

- a) Koch's postulate
- b) Bacterial growth curve
- c) Aldehyde
- d) Blood agar

Q-3. Write short notes on any TWO:

6

- a) Human carrier of pathogen.
- b) Dark ground microscope
- c) Robertson cooked meat media

[Contd.....

SECTION - II

Q-4. Write in detail life cycle & lab diagnosis of Ancylostoma duodenale. 8

OR

Q-4. Describe life cycle and lab diagnosis of E. histolytica. 8

Q-5. Write short notes on any THREE: 6

- a) Hydatid cyst
- b) Complication of Falciparum malaria
- c) Microfilaria
- d) General features of trematodes

Q-6. Write short notes on any TWO: 6

- a) Superficial fungal infection
 - b) Morphological classification of fungi
 - c) Germ tube test
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