



RAN - 2006000102020002

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IInd M.B.B.S. Examination
February - 2021
Microbiology Paper - II
(Systemic Bacteriology, Virology, Mycology and Clinical Microbiology)
Time: 2 Hours]
[Total Marks: 40
સૂચના : / Instructions
(1)

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

Name of the Examination:

IInd M.B.B.S.

Name of the Subject :

 Microbiology Paper - II (Systemic Bacteriology, Virology,
Mycology and Clinical Microbiology)

Subject Code No.: 2006000102020002

Seat No.:

Student's Signature

(2) Answer to the point.
(3) Draw diagrams wherever necessary.
Section I
Q. 1. Long question
(08 Marks)

 Describe in detail the laboratory diagnosis and antigenic structure of
Salmonella Typhi.

OR

 Classify the Mycobacteria. Discuss the laboratory diagnosis of
pulmonary TB.

Q.2. Write notes on (any THREE)
(12 Marks)

- Complications of measles.
- Dengue virus.

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- c) Morphology of Human Immunodeficiency Virus (HIV).
- d) Differentiating features of killed and live polio vaccine.

Section II

Q.3. Write notes on (any TWO): (10MARKS)

- a) Classification of fungi.
- b) Histoplasmosis.
- c) Rhinosporidiosis.

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

- a) Name 2 fungi responsible for mycotoxicosis.
- b) Modes of transmission of healthcare associated infection.
- c) Name 2 different species of Aspergillus.
- d) How Zika virus disease is transmitted?
- e) Name 2 selective media used for vibrio
- f) Satellitism
- g) Nagler reaction
- h) Give examples of asexual spore.
- i) How to determine size of viruses?
- j) Name 2 bacterial organisms responsible for non-gonococcal urethritis.

