



RAN-1030

T.Y.B. Sc. Microbiology SEM-5 Examination

March / April - 2019

MB 15: MEDICAL MICROBIOLOGY

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

नीचे दृशविले निशानीवाणी विगतो उत्तरवही पर अवश्य लपची.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T.Y.B. Sc. Microbiology SEM-5

Name of the Subject :

MB 15: MEDICAL MICROBIOLOGY

Subject Code No.: 1 0 3 0

Seat No.:

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Student's Signature

1. Figures to the right indicate full marks of the question.
2. Draw neat and labeled diagrams whenever necessary.

Q.1 Give Specific Answers:

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- a. Enlist the four airborne diseases.
- b. Define :1) Furuncle
2) Carbuncle
- c. What are the symptoms during Dengue fever?
- d. Write the binomial name of Filarial parasite.
- e. Mention the different stages of Syphilis.
- f. What is the causative agent of Typhoid fever? State the treatment for the same.

Q.2 Explain / Comment on any TWO of the following:

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- a. Cholera toxin is an AB toxin.
- b. Influenza is difficult to treat with a single flu vaccine.

- c. Streptococcal pneumonia is an important clinical manifestation that leads to an opportunistic infection.

Q.3. Discuss any TWO of the following: 16

- a. Describe in detail about the tuberculosis infection. How do multi-drug resistant strains of tuberculosis develop?
- b. Explain the consequences of HIV infection in detail.
- c. Elaborate on the arthropod borne infection: Chikengunya fever.

Q.4 Write Short Notes on any TWO of the following: 10

- a. Life cycle of *P. vivax*.
 - b. Tetanus.
 - c. Poliomyelitis.
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