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RAN-2203000206026002

T.Y.B.Sc. Microbiology (Sem. VI) Examination March - 2025

MB - 602 : Epidemiology and Medical Microbiology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

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

Name of the Examination:

T.Y.B.Sc. Microbiology (Sem. VI)

Name of the Subject :

MB - 602 : Epidemiology and Medical Microbiology

Subject Code No.: **2203000206026002**

Seat No.:

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Student's Signature

2. Figures to the right indicate full marks.
3. Draw neat and labeled diagrams wherever necessary.

Q. 1. Give Specific Answers :-

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- a. Name the fungi producing mycotoxin with example.
- b. CHERNOBYL tragedy is example of which type of epidemic?
- c. Enlist 2 mode of transmission of Air borne infection.
- d. Differentiate between droplet and droplet nuclei.
- e. Define vector borne transmission with example.
- f. State 2 phases of Dengue infection in humans.
- g. Give full form of: EHEC, EPEC.
- h. Define Encystation and Excystation.

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

14

1. Various factors are responsible for emerging and reemerging disease.
2. Tuberculosis is also known as consumption disease.
3. Plasmodium requires 2 host to complete its life cycle

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Q. 3. Discuss any two of the following: 14

1. Describe in brief Pathogenesis, Laboratory diagnosis and treatment of Gastroenteritis caused by ETEC and EIEC strains.
2. State causative agent of syphilis disease. Also state its different stages with diagnosis in detail.
3. Write a detailed note on: Typical Pneumonia.

Q. 4. Write short note on any two of the following: 14

1. Endotoxin Vs Exotoxin.
 2. Leptospirosis.
 3. Botulism.
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