

RAN-2503000505038001
T.Y.B.Sc. (NEP) (Sem. V) Examination March - 2026
Bioscience (Microbiology) (New Major)
BM - MJ - 503: Epidemiology And Medical Microbiology
Time: 1 Hour]
[Total Marks: 25

સૂચના : / Instructions (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the above details on your answer book. (2) Draw neat and labelled diagrams wherever necessary. (3) Figures to the right indicate full marks of the question.	Seat No.: Student's Signature
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Q.1. Multiple choice questions. (Any Five)
05

- Which of the following is a portal entry of pathogen?
 - Skin
 - Oral cavity
 - Nose
 - All
- When primary infection is super imposed by another new infection is called _____.
 - Reinfection
 - Super infection
 - Secondary infection
 - All
- In a sample of blood, doctors look for which of these elevated levels to confirm Hepatitis?
 - Interferons
 - Calcium
 - Liver enzymes
 - White blood cells
- The stool of cholera patient resembles?
 - Anchovy sauce
 - Rice water.
 - Apple jelly
 - None of the above
- Which of the following is a hepatitis virus, except _____ ?
 - HIV
 - HBV
 - HCV
 - HEV
- _____ is a highly contagious skin disease primarily of children 2 to 7 years of age
 - Cholera
 - Polio
 - Chickenpox
 - BCG

Q.2. Write an essay on - Collection, aseptic handling & transport of clinical sample.
10
OR
Q.2. Answer the following questions.
10

- Describe about the patterns of Infectious diseases
- Write a note on Agar diffusion method

Q.3. Describe in detail about causative agent, mode of transmission, pathogenesis, lab diagnosis, treatment of tuberculosis
10
OR
Q.3. Answer the following questions.
10

- Describe in brief pathogenesis & clinical spectrum of Polio.
- Write a note on Taeniasis