



RAN - 2103001103030006



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**S. Y. B. Sc. (Sem. - III) Examination**

**March - 2023**

**Microbiology : Paper - MB-303**

**Virology**

**[ Total Marks: 50**

**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:

**S. Y. B. Sc. (Sem. - III)**

Name of the Subject :

**Microbiology : Paper - MB-303 Virology**

Subject Code No.: **2103001103030006**

Seat No.:

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Student's Signature

- (2) This exam contains 50 MCQs, each worth 1 mark.  
(3) Choose only ONE most appropriate answer per question.

***O.M.R. Sheet ભરવા અંગેની અગત્યની સૂચનાઓ આપેલ  
O.M.R. Sheetની પાછળ છાપેલ છે.***

***Important instructions to fillup O.M.R. Sheet  
are given on back side of the provided O.M.R. Sheet.***









- Q. 37.** The reactivation of herpesvirus results in
- Nerve damage
  - Cold and Fever
  - Immunosuppression
  - Shingles
- Q. 38.** The synthesis of capsid in herpesvirus takes place in \_\_\_\_\_ hour.
- 16 to 24
  - 12 to 16
  - 4 to 8
  - 8 to 16
- Q. 39.** The agent that induces teratogenesis is known as \_\_\_\_\_.
- Hepatogen
  - Teratogenesom
  - Teratogen
  - Transmission
- Q. 40.** Which of the following virus is known to induce teratogenesis?
- Mumps
  - Rabis
  - Cytomegalovirus
  - Polio virus
- Q. 41.** Which viruses use a helper virus to supply the necessary components to produce more virions?
- Dependoviruses
  - Helpviruses
  - Deepviruses
  - Paraviruses
- Q. 42.** \_\_\_\_\_ are known as virusoids.
- Viroids
  - Satellite viruses
  - Satellite nucleic acid
  - Prions
- Q. 43.** Genome of satellite is \_\_\_\_\_.
- dsRNA
  - ssRNA
  - ssDNA
  - ds DNA
- Q. 44.** In 1987, who received both the Nobel Prize in medicine and the Columbia University Louisa Gross Horwitz Prize for his work with prions?
- Prusiner
  - D. Edward
  - Kovind
  - Hemlate
- Q. 45.** Which disease is commonly called as mad cow disease?
- Bovine Spongiform Encephalitis
  - Kuru
  - Alzheimer's Disease
  - Chrysanthemum stunt disease

- Q. 46.** From the following which disease is not caused by prion?
- a. Spongiform Encephalitis
  - b. Kuru
  - c. Creutzfeldt-Jakob disease
  - d. Chrysanthemum stunt disease
- Q. 47.** Genome of Tobacco mosaic Virus is \_\_\_\_\_.
- a. (-) strand RNA
  - b. (-) strand DNA
  - c. (+) strand RNA
  - d. (+) strand DNA
- Q. 48.** Which virus can cultivate in protoplast culture of plant cell?
- a. Bacteriophage
  - b. Virophage
  - c. Tobacco mosaic virus
  - d. Teratogophage
- Q. 49.** Baculovirus is used instead of chemical pesticides to kill insects due to which reason?
- a. They attack only vertebrates
  - b. These viruses have a poor shelf life
  - c. They become inactive larval tissue
  - d. They attack only invertebrates
- Q. 50.** Which family of viruses can able to infect photosynthetic protists?
- a. *Coronaviridae*
  - b. *Heptaviridae*
  - c. *Phycodnaviridae*
  - d. *Myoviridae*
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**SPACE FOR ROUGH WORK**