



RAN - 2103000203026003



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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.: **2103000203026003**

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. 10.** Free viruses require which component to copy or transcribe the viral genetic material?
- PCR machine
 - Bacterial genome
 - Host's machinery
 - Vaccine
- Q. 11.** Which types of viruses will be passed on from generation to generation?
- Viruses that insert themselves into egg producing cells
 - Viruses that insert themselves into kidney cells
 - Viruses that insert themselves into brain cells
 - Viruses that insert themselves into Red blood cells
- Q. 12.** From the following which one cannot be infected by a virus?
- Virus
 - Bacteria
 - Plant
 - Protozoa
- Q. 13.** In which part of the warm-blooded animals a Rabies virus can attack?
- Digestive system
 - Central nervous system
 - Kidney
 - Heart
- Q. 14.** Papillomaviruses, which cause warts, infect which cells?
- Kidney cells
 - Skin cells
 - Brain cells
 - Lungs cells
- Q. 15.** A complete virus particle is called as _____.
- Compvirus
 - Virion
 - Viruson
 - Pirvir
- Q. 16.** The discovery that a given virus can cause varying symptoms in several different body systems made the _____ concept untenable. Fill the blank space with correct option.
- “One virus, one disease”
 - “Giant virus, one disease”
 - “One virus, many disease”
 - “Virus, corona disease”
- Q. 17.** Tobacco mosaic virus consists of how many nucleotides?
- 6400
 - 64000
 - 64
 - 640
- Q. 18.** Specificity of virus is affected by which factor?
- Host enzymes and other proteins required for virus replication
 - pH of the environment
 - Host cell length
 - DNA length

- Q. 46.** The reactivation of herpesvirus results in
- a. Nerve damage
 - b. Cold and Fever
 - c. Immunosuppression
 - d. Shingles
- Q. 47.** The synthesis of capsid in herpesvirus takes place in _____ hour.
- a. 16 to 24
 - b. 12 to 16
 - c. 4 to 8
 - d. 8 to 16
- Q. 48.** The agent that induces teratogenesis is known as _____.
- a. Hepatogen
 - b. Teratogenesom
 - c. Teratogen
 - d. Transmission
- Q. 49.** Which of the following virus is known to induce teratogenesis?
- a. Mumps
 - b. Rabis
 - c. Cytomegalovirus
 - d. Polio virus
- Q. 50.** Which viruses use a helper virus to supply the necessary components to produce more virions?
- a. Dependoviruses
 - b. Helpviruses
 - c. Deepviruses
 - d. Paraviruses
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SPACE FOR ROUGH WORK