

કુલ સમય :- ૩૦ મીનીટ

કુલ પ્રશ્નો : ૨૫

વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૧૮

નોંધ : વિદ્યાર્થીએ માત્ર ૧૮ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૧૮ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે

- 1 Icosahedral capsids are usually constructed from _____ types of capsomers.
(A) Pentamers (B) Hexamers (C) Octamer (D) Triangle
- 2 The First step of Virul infection is _____
(A) Attachment (B) Penetration (C) Assembly (D) Release
- 3 Virus are _____ to _____ time smaller than Bacteria
(A) 10 to 100 (B) 1 to 10 (C) 1 to 100 (D) 100 to 1000
- 4 Corona virus is
(A) Bacteriophage (B) Plant virus (C) Animal virus (D) Insect virus
- 5 Which of the following diseases is not caused due to a virus?
(A) Yello fever (B) Dengu (C) SARS (D) Plague
- 6 Who proposed the virus classification based on Nucleic acid content
(A) Carl Linnaeus (B) R.H. Whitaker (C) Kauffman & white (D) Baltimore
- 7 _____ is absent in Naked virus
(A) Capsid (B) Envelop (C) Antigen (D) Tail
- 8 Name the virus that is transmitted through the biting of infected dog, wolf, cat, birds, and insects to a human?
(A) Rabies Virus (B) Ebola Virus (C) Flavivirus (D) All the above
- 9 _____ is not the method of Virus cultivation
(A) Animal Tissue culture (B) Embryonated eggs
(C) Lab Animals (D) Use of Chemically defined media
- 10 Which of the following statement is incorrect about viruses?
(A) Viruses can be categorized by their nucliec acid content (B) Viruses can make protein.
(C) Viruses can be categorized by their host range (D) Plant virus can infect animal virus
- 11 Who discover plant virus- TMV.
(A) Demitry Ivanowasky (B) Beijerink (C) Twort (D) Both (A) & (B)
- 12 Which one of the following statements about viruses is correct?
(A) Viruses are obligate parasites (B) Only double helix DNA is genetic material
(C) All virus can infect any living cell (D) Virus can not pass through Bacteriological filter
- 13 Virus are not classified based on
(A) host range (B) phage morphology (C) nucleic acid properties (D) Antigenic structure
- 14 There is a rapid release of virions during the _____ period of the one step growth curve.
(A) Latent (B) Rise (C) Eclipse (D) none of the above
- 15 In 1798, Edward Jenner developed a _____ vaccine.
(A) smallpox (B) cowpox (C) chicken pox (D) All of the above
- 16 In naming viruses, the family name ends with _____
(A) -viridae (B) -virus (C) -virion (D) -virales
17. Growth of Virus on agar plate can be detected using
(A) Zone of Inhibition (B) Zone of stimulation (C) Plaque formation (D) Turbidity
- 18 An infectious particle that is the cause of slow diseases like scrapie in sheep and goats, it has a protein component, but no nucleic acid is a _____
(A) Virion (B) Prion (C) Viroid (D) Virusoid
- 19 Which one of the following is a vaccine for COVID-19?
(A) Covaxin (B) Covishield (C) Sputnik -V (D) all of the above
- 20 Virus particles can be counted
(A) directly with the electron microscope (B) hemagglutination assay
(C) plaque assay (D) all of the above
- 21 Bacterial viruses were isolated by _____
(A) Frederick W. Twort (B) Felix d'Herelle (C) both (a) and (b) (D) neither (a) nor (b)
- 22 A plot of the bacteriophages released from host cells versus time shows several distinct phases is a result of _____ growth curve
(A) one-step (B) Di-phasic (C) three-step (D) Four phase
- 23 Vaccine has not yet been developed for _____
(A) AIDS (B) Corona (C) Hepatitis (D) Polio
- 24 Bacteriophages like T4 phages do not contains
(A) Capsid (B) Base plate (C) Tail (D) Envelop
- 25 The icosahedral capsids of viruses are constructed from ring- or knob-shaped units called _____
(A) capsomers (B) telomere (C) monomer (D) dimer