

Multiple Choice Questions

Select the correct answer

1 Viruses are considered nonliving because

- A. do not mutate
- B. cannot reproduce independently
- C. they do not locomote
- D. have nucleic acid

2 Which of these are found in all viruses?

- A. envelope, nucleic acid, capsid
- B. DNA, RNA and proteins
- C. proteins and nucleic acid
- D. protein, carbohydrate, lipids

3 Which step in the lytic cycle follows attachment of virus and release of DNA into the cell?

- A. production of lysosome
- B. disintegration of host DNA
- C. assemblage
- D. DNA replication

4 Which of these is a true statement?

- A. viruses carry with their own ribosome for protein formation
- B. new viral ribosomes form after viral DNA enters the cell
- C. viruses use the host ribosomes for their own needs
- D. viruses do not need ribosomes for protein formation

5 Which part of an animal virus is not reproduced in multiple copies?

- A. envelope
- B. protein
- C. capsid
- D. ribosome

6 RNA retroviruses have a special enzyme that

- A. disintegrates host DNA
- B. transcribe viral RNA to DNA
- C. polymerises host DNA
- D. translates host DNA

7 Which of the following illness is caused by a retrovirus?

- A. typhoid
- B. malaria
- C. AIDS
- D. sleeping sickness

8 The HIV primarily infects

- A. plasma cells
- B. helper T cells
- C. all white blood cells
- D. red blood cells

9 Poliomyelitis affects

- A. motor neuron
- B. sensory neuron
- C. brain
- D. muscles

HIV attaches to

B. nucleoprotein

D. glycoprotein

Hepatitis D is caused by

A. bacteria

B. virus

C. prions

D. viroids

Correct Answers

1. C

2. C

3. B

4. C

5. B

6. C

7. C

8. B

9. A

10. A

11. D

