

## MDCAT Biology Chapter 1 MCQ's Test

Sr	Questions	Answers Choice
1	Viruses containing RNA rather than DNA are called	A. Riboviruses B. Bacteriophages C. Rotaviruses D. Retroviruses
2	Structural proteins of HIV are	A. Encoded by virus genes B. Synthesized by host ribosomes C. Digested by viral enzymes D. All of these
3	Chemical nature of spikes present on HIV	A. Protein <span style="white-space:pre"> </span> B. Carbohydrate <span style="white-space:pre"> </span> C. Glycolipid <span style="white-space:pre"> </span> D. Glycoprotein
4	Joining of viral DNA with host DNA is carried out by	A. Integerase B. Ligase C. Both <span style="white-space:pre"> </span> D. Polymerse
5	The persistent symptoms of small pox are	A. Raised fluid filled vesicles B. The pocks <span style="white-space:pre"> </span> C. Pustules D. Vascular lesions
6	Causative agent of mysterious brain infection is composed of	A. DNA+Protein B. RNA+Protein C. RNA only D. Protein only
7	Herpes type-1 virus causes	A. Pitted scars B. Swollen neck C. Rashes on genitals D. Vascular lesions
8	Isosahedral viruses usually have	A. 10 faces B. 20 faces C. 15 faces D. 5 faces
9	DNA of non-virulent phage is	A. Provirus <span style="white-space:pre"> </span> B. Prophage <span style="white-space:pre"> </span> C. Both <span style="white-space:pre"> </span> D. None
10	HIV attaches on cell membrane of T cell at receptor site	A. Cd2 <span style="white-space:pre"> </span> B. Cd4 <span style="white-space:pre"> </span> C. Cd8 <span style="white-space:pre"> </span> D. Gp120
11	Which of the following virus is DNA enveloped	A. Polio virus B. Hepatitis B virus C. HIV D. Measles virus
12	Newly synthesized Large proteins are digested into small viral proteins by	A. Host protease B. Viral protease C. Viral RT D. Host pepsin
13	Provirus is	A. Genome of bacteriophage B. Genome of HIV uncoiled in Host cell C. Genome of HIV incorporated in

		Host genome D. Genome of a host
14	The smallest known virus is	A. HIV virus B. HBV virus C. Influenza virus D. Polio virus
15	In HIV infection cycle, uncoating of virus takes place	A. Outside the T-cell B. Inside the cytoplasm of T-cell C. Inside the nucleus of T-cell D. Inside the mitochondria of T-cell
16	Viruses are not resistant to	A. Interferons B. Penicillin <span style="white-space:pre"> </span> C. Streptomycin D. Any antibiotic
17	Mad cow infection is caused by	A. Viroid <span style="white-space:pre"> </span> B. Virion <span style="white-space:pre"> </span> C. Prion <span style="white-space:pre"> </span> D. Bacteria
18	Which of the following part of virus does not enter into host cell	A. Envelope <span style="white-space:pre"> </span> B. Spikes <span style="white-space:pre"> </span> C. Both <span style="white-space:pre"> </span> D. Capsid
19	Example of a virus having tadpole shape consisted of head and tail	A. Bacteriophage B. Polio virus <span style="white-space:pre"> </span> C. HIV <span style="white-space:pre"> </span> D. HV
20	Head of T4 bacteriophage contain	A. Single stranded DNA B. Double stranded DNA C. Single stranded RNA D. Both RNA and DNA