

## MDCAT Biology Chapter 1 MCQ's Test

Sr	Questions	Answers Choice
1	Example of a virus having tadpole shape consisted of head and tail	<p>A. Bacteriophage</p> <p>B. Polio virus</p> <p>C. HIV</p> <p>D. HV</p>
2	Joining of viral DNA with host DNA is carried out by	<p>A. Integerase</p> <p>B. Ligase</p> <p>C. Both</p> <p>D. Polymerse</p>
3	Which type of nucleic acid is found in the capsid of HIV	<p>A. RNA</p> <p>B. DNA</p> <p>C. ssDNA</p> <p>D. None</p>
4	Which of the following is not an enzyme of HIV	<p>A. Reverse transcriptase</p> <p>B. Integerase</p> <p>C. Protease</p> <p>D. Ligase</p>
5	Which of the following is a common feature of all viruses	<p>A. DNA replication in cytoplasm</p> <p>B. RNA synthesis in nucleus</p> <p>C. Protein synthesis in cytoplasm</p> <p>D. Reverse transcription in cytoplasm</p>
6	Which is irrelevant?	<p>A. Genome to virus structure</p> <p>B. Capsomeres to Capsid</p> <p>C. Tumors to retroviruses</p> <p>D. Envelope to all viruses</p>
7	Provirus is	<p>A. Genome of bacteriophage</p> <p>B. Genome of HIV uncoiled in Host cell</p> <p>C. Genome of HIV incorporated in Host genome</p> <p>D. Genome of a host</p>
8	Viruses containing RNA rather than DNA are called	<p>A. Riboviruses</p> <p>B. Bacteriophages</p> <p>C. Rotaviruses</p> <p>D. Retroviruses</p>
9	DNA of non-virulent phage is	<p>A. Provirus</p> <p>B. Prophage</p> <p>C. Both</p> <p>D. None</p>
10	An isolated virus is not considered living, since it	<p>A. Separates into two inert parts</p> <p>B. Cannot metabolize</p> <p>C. Rapidly loses its genome</p> <p>D. It coated with an air tight shield</p>
11	Which of the following virus is DNA enveloped	<p>A. Polio virus</p> <p>B. Hepatitis B virus</p> <p>C. HIV</p> <p>D. Measles virus</p>
12	Crystallization of viruses was done by _____ for the first time	<p>A. Ivanowsky</p> <p>B. Twort</p> <p>C. Stanley</p> <p>D. Robert Koch</p>
		<p>A. Binary fission</p>

13	Viruses reproduce through a process	B. Replication C. Both a and b D. Transformation
14	They are Tumor causing viruses and are usually host specific	A. Polio viruses B. Retroviruses C. Oncoviruses D. Both b and c
15	Viral core always contain ___ among the following	A. DNA B. RNA C. Both A and B D. Any of A or B
16	Genome of the acellular particle mainly comprised of	A. Protein B. Sugars C. Lipid D. Nucleic acid
17	Which of the following disease is not caused by virus?	A. Cholera B. Hepatitis C. Influenza D. Polio
18	Structural proteins of HIV are	A. Encoded by virus genes B. Synthesized by host ribosomes C. Digested by viral enzymes D. All of these
19	Retroviruses cause tumors in	A. Rodents B. Fowls C. Cats D. All
20	Choose the correct option about the following figure:	A. A is showing Envelope B. B is not showing envelope C. C is showing RT D. D is showing RNA