| INTRO TO VIROLOGY | Name | Date | |
|--|---|--|-----------|
| QUIZ for lesson 8 | | | |
| |) It leaves the cell by budding. | IRES at the 5 prime end of its gen | iome. |
| | protein spikes. b) It assembles i | its capsids in the nucleus. s the body through intestinal cells | · |
| | fe cycle of herpes occurs outside eins b) Replication of the geno d) Transcription of mRNAs | me | |
| 4) Which of these cell receptors of a) sialic acid b) CD155 c) C | does poliovirus use? CD4 d) heparan sulfate e) N | MCH1 f) ACE2 | |
| 5) What does the polo virus do in a) Makes capsid proteins.c) Makes copies of its genome. | b) Assembles capsids. | | |
| | ne surface of a cell. b) Helping | n? the capsid get out of the nucleus. roduction of immediate early mRI | |
| | | | |
| | ay in its lysogenic (dormant) stag everal years c) Until the host r er virus e) For the lifetime of | eaches adulthood | |
| 9) From which cell part does here c) from the outer surface (plass | pes get its envelope? a) from the ma membrane) d) from the Go | • | |
| 10) Which virus chops and shreds | s cellular DNA inside the nucleus | ? a) polio b) herpes c) neithe | r d) both |
| TRUE or FALSE? | | | |
| 11) Chickenpox is not really | a pox family virus. | | |
| 12) Both polio and herpes a | are viruses that like to migrate to | nerve cells. | |
| 13) Polio and herpes are ed | qually destructive to Golgi bodies | ò. | |
| 14) There are many herpes | family viruses that don't infect h | numans. | |
| 15) Protein "scissors" (prote | eases) can cut any protein. | | |

| INTRO TO VIROLOGY QUIZ for lesson 8 ANSWER KEY |
|--|
| 1) b 2) d 3) a 4) b 5) c 6) a (Tegument proteins are inside the envelope and therefore don't touch the cell surface.) 7) c (The MHC1 flags have a clip for holding samples of proteins being made inside the cell. The immune cells will see pieces of bad viral protein and will kill the infected cell.) |
| 8) e |
| 9) c (The envelope comes from the outer (plasma) membrane of the cell, though it is brought inside by an endosome.) |
| 10) c |
| 11) T |
| 12) T |
| 13) F |
| 14) T (Yes, there are many kinds that infect animals.) |

15) F (Proteases are very specific and can only cut one type of protein bond.)