

INTRO TO VIROLOGY
QUIZ for lesson 6

Name _____ Date _____

- 1) Which cell part digests and recycles? a) lysosome b) ribosome c) Golgi body d) mitochondria
- 2) Which organelle makes energy for the cell? a) lysosome b) ribosome c) Golgi body d) mitochondria
- 3) Which part of the cell contains many copying machines?
a) lysosome b) ribosome c) mitochondria d) nucleus
- 4) Which organelle is most like a post office? a) lysosome b) ribosome c) Golgi body d) nucleolus
- 5) Which place is most dangerous for a virus? a) lysosome b) ribosome c) mitochondria d) Golgi
- 6) What does a polymerase make? a) DNA or RNA b) protein chains c) sugar labels d) lipid membranes
- 7) Nucleotides are used to make: a) proteins b) just DNA c) just RNA d) both DNA and RNA
- 8) What are lipids made of? a) chains of carbon atoms b) chains of amino acids
c) chains of glucose molecules d) chains of nucleotides
- 9) Which one of these is NOT made of lipids? a) proteosomes b) endoplasmic reticulum
c) vesicles and endosomes d) the outer "wall" of the cell
- 10) Which of these structures has a "clip" at the top? a) anchor b) flag c) hook d) cable
- 11) Which one of these is NOT a raw material that the cell uses?
a) amino acids b) sugars c) lipids d) nucleotides e) polypeptides

TRUE or FALSE?

- 12) ____ A virus that has a genome made of DNA will probably be very interested in going into the nucleus.
- 13) ____ Cellular "scissor" enzymes can only cut one thing.
- 14) ____ Cellular "mailing labels" are usually made of lipids.
- 15) ____ Sometimes very long protein chains need helpers to make sure they get folded correctly.

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ANSWER KEY

- 1) a
- 2) d
- 3) d
- 4) c
- 5) a
- 6) a
- 7) d
- 8) a
- 9) a
- 10) b
- 11) e
- 12) T
- 13) T
- 14) F
- 15) T