

INTRO TO VIROLOGY
QUIZ for lesson 1

Name _____ Date _____

- 1) What is a virus capsid made of? a) DNA b) RNA c) protein d) glycoproteins e) lipids
 - 2) What are proteins made of? a) amino acids b) nucleic acids c) A, T, C and G d) glucose molecules
 - 3) Which of these viruses attacks plants? a) adeno b) parvo c) TMV d) Pandora e) Ebola
 - 4) How many sides does an icosahedron have? a) 12 b) 16 c) 24 d) 20 e) 60
 - 5) What does the Pandoravirus attack? a) ameba b) bacteria c) humans d) dogs
 - 6) Why does a virus have spikes? a) as a defense mechanism against other cells
b) to attach to cells c) to identify its species d) to help them float in the air
 - 7) Which of these viruses looks like a bullet? a) rabies b) Pandora c) Ebola d) HIV e) TMV
 - 8) Where does a virus get its lipid envelope (if it has one)?
a) The virus manufactures it. b) from the host cell it came out of
c) from lipid molecules floating in the environment around it d) from other viruses
 - 9) Where do you find a virus's matrix (if it has one)?
a) in the DNA or RNA b) on the outside of the lipid envelope
c) inside the capsid d) right under the lipid envelope
 - 10) Which one of these atoms is NOT in an amino acid molecule? a) O b) B c) C d) H e) N
 - 11) Where did the name "Ebola" come from?
a) from a river in West Africa b) from a country in Africa
c) from an African word for virus d) from an African word for sickness
 - 12) Which one of these letters never appears in DNA or RNA? a) A b) T c) C d) U e) E f) G
 - 13) Which of these viruses is the smallest? a) rabies b) parvo c) Pandora d) adeno
- TRUE or FALSE?
- 14) _____ Sometimes you find tiny proteins inside a capsid, along with the genome of DNA or RNA.
 - 15) _____ The only parts that ALL viruses have in common are: a capsid and a genome.

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ANSWER KEY

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