

## QUESTION

Question 10



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Letter	Structure
A	Mitochondrion
B	Nucleus
C	Golgi apparatus
D	Lysosome
E	Vacuole
F	Chloroplast
G	Plasma membrane
H	Cell wall
I	Centrioles
J	Cytoskeleton
K	Endoplasmic reticulum
L	Nucleolus
M	Ribosome
N	Peroxisome
O	Microtubule
P	Microfilament
Q	Intermediate filament
R	Spindle fiber
S	Cilia
T	Flagellum
U	Tonoplast
V	Thylakoid

10. Which organelle is responsible for the production of ATP in a cell?

10. Mitochondrion

11. Which organelle is responsible for the storage of genetic material?

11. Nucleus

12. Which organelle is responsible for the processing and transport of proteins?

12. Golgi apparatus

13. Which organelle is responsible for the breakdown of macromolecules?

13. Lysosome

14. Which organelle is responsible for the storage of water and other substances?

14. Vacuole

15. Which organelle is responsible for the conversion of light energy into chemical energy?

15. Chloroplast

16. Which organelle is responsible for the regulation of the cell's internal environment?

16. Plasma membrane

17. Which organelle is responsible for the structural support of the cell?

17. Cytoskeleton

18. Which organelle is responsible for the synthesis of lipids?

18. Endoplasmic reticulum

19. Which organelle is responsible for the synthesis of ribosomes?

19. Nucleolus

20. Which organelle is responsible for the degradation of cellular waste?

20. Peroxisome

21. Which organelle is responsible for the organization of microtubules?

21. Centrioles