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## ANSWER SCHEME

The Cell

## Section A

- 1. A
- 2. A
- 3. A
- 4. C
- 5. A
- 6. B
- 7. B
- 8. C
- 9. A
- 10.B

## **Section B**

- 11.Mitochondria
- 12.Unicellular organisms
- 13.Soluble
- 14.Osmosis
- 15.Crenation

## **Section C**

16.

- ➤ A plant cell has chloroplasts while an animal cell does not.
- ➤ A plant cell has vacuole while an animal cell does not.
- ➤ A plant cell has cell wall while and animal cell does not.
- 17.Nucleus
- 18.Animal: Crenation Plant: Plasmolysis

19.

- They have no chloroplasts to increase the surface area for absorption.
- ➤ It has an elongated outgrowth which increases the surface area for faster diffusion.
- It has many mitochondria to provide energy for active transport.
- 20.Osmosis only occurs in living organisms



A top student's secret tool