

## QUIZ: CELL ORGANELLES

1. In some unicellular organisms, specialized vacuoles play important roles in
  - (a) Genetic exchange and digestion of food
  - (b) Expelling excess water and some wastes from the cell
  - (c) Storage of wastes and DNA synthesis
  - (d) Storage of reserve food
  
2. For intra cellular (within the cell) transport of materials (especially proteins), which of the following serve as channels?
  - (a) Ribosome
  - (b) Nuclear envelope
  - (c) Endoplasmic reticulum
  - (d) Lysosome
  
3. ATP, the energy currency of the cell, is produced in large quantity in
  - (a) Leucoplast
  - (b) Mitochondrion
  - (c) Lysosome
  - (d) Vacuole
  
4. In plant cells vacuoles play a role in which of the following?
  - (a) Turgidity, locomotion
  - (b) Storage, locomotion
  - (c) Locomotion, excretion
  - (d) Turgidity, storage

### Answers:

1. (b)
2. (c)
3. (b)
4. (d)

