

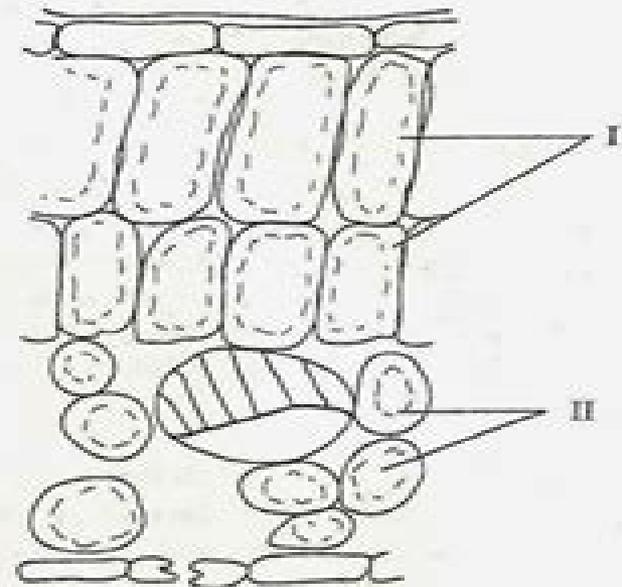
6. Which of the following structures may be used to distinguish between a plant cell and an animal cell?

- (A) Vacuoles
- (B) Cell walls
- (C) Mitochondria
- (D) Cell membranes

7. Which of the following pairs of function and organelle is NOT correctly matched?

Function	Organelle
(A) Osmotic control	Membrane
(B) Polypeptide chain synthesis	Chloroplast
(C) Hereditary materials	Nucleus
(D) Release of energy	Mitochondrion

Item 9 refers to the diagram below which shows the cross section through a dicotyledonous leaf.



When a seedling loses water to the atmosphere faster than it can be obtained from the soil, the turgidity of the cells

- (A) increases and the seedling wilts
- (B) decreases and the seedling wilts
- (C) increases and the seedling does not wilt
- (D) decreases and the seedling does not wilt

9. Which of the following is NOT true of the cells labelled I and II in the diagram above?

- (A) I makes most of the food.
- (B) I has a relatively larger surface area.
- (C) II receives less energy from the sun.
- (D) II possesses more chloroplasts than I.

10. Bile empties into the

- (A) duodenum
- (B) caecum
- (C) ileum
- (D) stomach

# Biology Higher Level Specimen Paper 24

**William George Bruce, William Conrad  
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