

EDUZEDCO
GRADE 8 INTEGRATED SCIENCE
Practice Worksheet

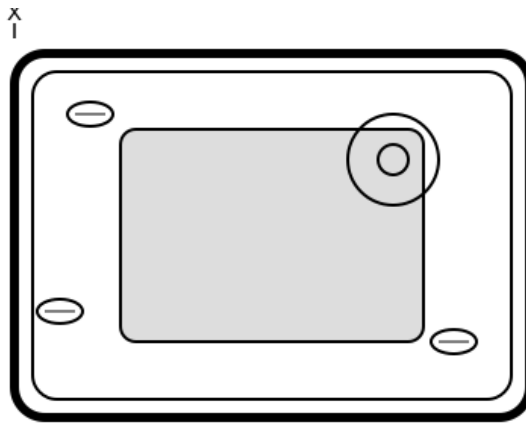
Total Marks: 20

Name: Adm No: Date:

Practice Questions (20 Marks)

Work through all the questions.

1. Study the diagram of a plant cell below. Identify the part labeled X. [2 marks]



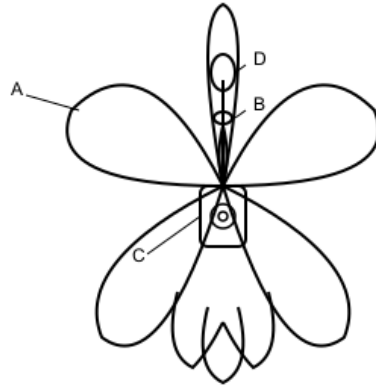
2. The part of a plant cell that contains chlorophyll and is responsible for photosynthesis is the _____. [2 marks]

3. Name two structures found in a plant cell but not in an animal cell. [2 marks]

4. Name the male reproductive part of a flower and state its function. [2 marks]

5. The part of a flower that becomes the fruit is the _____. [2 marks]

6. Study the diagram of a flower below. Identify parts A, B, C, and D. [2 marks]



7. What is the function of the root system in a flowering plant? [2 marks]

8. Draw and label a simple plant cell. Include at least four labeled parts. [2 marks]

9. Explain the difference between a taproot system and a fibrous root system. Give one example of a plant with each. [2 marks]

10. What is the function of the cell membrane in a plant cell? [2 marks]

MARKING GUIDE

Question	Expected answer / marking points	Marks
q1_01	Cell wall (or chloroplast, depending on diagram. Since no diagram provided, assume X points to cell wall)	2
q1_02	chloroplast	2
q1_03	Cell wall and chloroplast (or large central vacuole)	2
q1_04	Stamen; it produces pollen (male gametes).	2
q1_05	ovary	2
q1_06	A: petal, B: stigma, C: ovary, D: anther (accept equivalent labels)	2
q1_07	To anchor the plant and absorb water and minerals from the soil.	2
q1_08	Drawing should include cell wall, cell membrane, nucleus, cytoplasm, chloroplast, vacuole. Any four correctly labeled.	2
q1_09	Taproot: one main root with smaller branches (e.g., carrot). Fibrous: many thin roots spreading out (e.g., grass).	2
q1_10	It controls the movement of substances in and out of the cell.	2