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LOWER SECONDARY SCIENCE • STAGE 7 • UNIT 1: CELLS

WORKSHEET 1 OF 10

Parts of a Plant Cell

1.1 Plant cells: names and functions of the parts of a plant cell

Name:

TIME ALLOWED

25 minutes

Class:

TOTAL MARKS

20

Date:

LEVEL

Focus

SCORE

____ / 20

Instructions

- Write your name, class and the date in the boxes above.
- Answer all the questions. Write your answers in the spaces provided.
- Use a pencil for diagrams and a ruler for label lines. Do not shade or colour.
- The number of marks for each question is shown in brackets [].



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Worksheet 1: Parts of a Plant Cell

Stage 7 Science • Unit 1: Cells • Focus

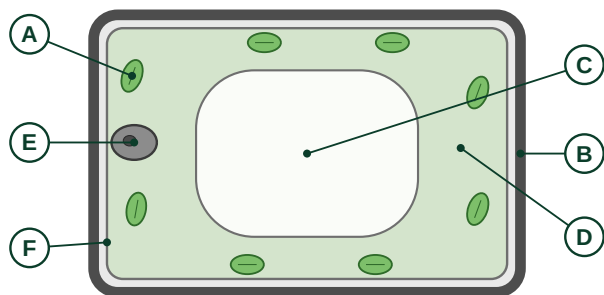
Name:

Class:

[20 marks]

- 1 The diagram shows a plant cell. Name the parts labelled **A** to **F**. Use the words in the word bank. [6]

Word bank: cell wall cell membrane cytoplasm nucleus sap vacuole chloroplast



Label	Name of part
A	
B	
C	
D	
E	
F	

- 2 Write the name of the part of a plant cell that does each job. [5]

Job	Name of part
Controls the activities of the cell	
Strengthens the cell and gives it support	
Where photosynthesis takes place	
Controls which substances go into and out of the cell	
Holds cell sap and helps to keep the cell firm	

- 3 Plant cells also contain tiny structures called mitochondria. State what mitochondria do. [1]

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- 4 State **two** parts that are found in plant cells but **not** in animal cells. [2]

.....

.....

- 5 Explain why chloroplasts are important to a plant. [3]

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- 6 Tick (✓) **True** or **False** for each statement. [3]

Statement	True	False
Plant cells have a cell wall made of cellulose.		
The nucleus is where photosynthesis happens.		
Most chemical reactions take place in the cytoplasm.		