



KWAZULU-NATAL PROVINCE

EDUCATION
REPUBLIC OF SOUTH AFRICA

**GENERAL EDUCATION AND
TRAINING**

GRADE 5

NATURAL SCIENCES AND TECHNOLOGY

PLC FINAL TEST

AMENDED MARKING GUIDELINES

2025

Time: 70 Minutes

Marks: 40

NB: These Marking Guidelines consist of 3 pages excluding cover page.

QUESTION 1

- 1.1 B✓ (1)
- 1.2 C✓ (1)
- 1.3 B✓ (1)
- 1.4 C✓ (1)
- 1.5 D✓ (1)
- 1.6 C✓ (1)


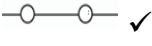
[6]

QUESTION 2

- 2.1 C✓ / fuel (1)
- 2.2 F✓ / battery (1)
- 2.3 E✓ / electric circuit (1)
- 2.4 A✓ / orbit (1)
- 2.5 B ✓ / crust (1)

[5]

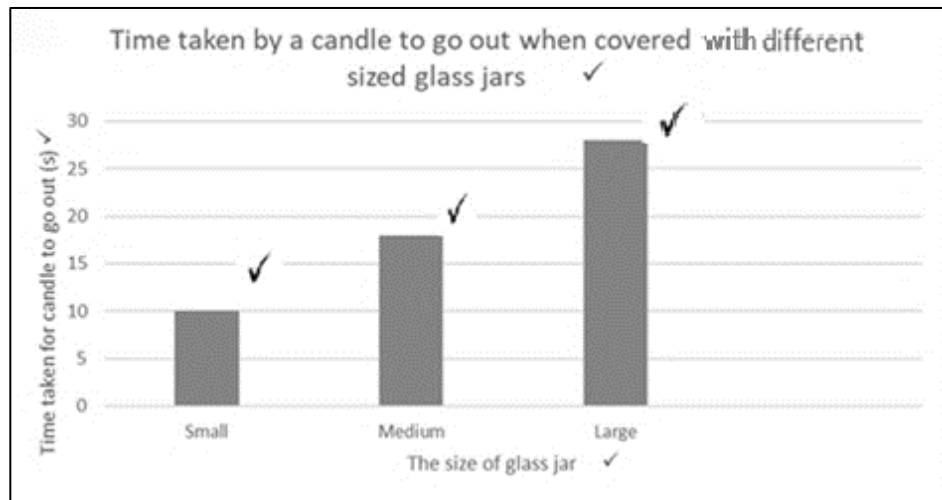
QUESTION 3

- 3.1 conductor ✓ / conducting wire (1)
- 3.2 cell ✓  ✓ (2)
- 3.3  ✓ (1)
- 3.4 Electrical energy is converted/changed✓ to light energy. ✓ (2)
- 3.5 A cell or battery provides energy to the circuit / is the source of energy. ✓ (1)

[7]

QUESTION 4

4.1



NB: Marking criteria:

title (caption) ✓

correct Labelling of x- axis ✓

correct Labelling of y-axis ✓

correct plotting of small glass jar ✓

correct plotting of medium glass jar ✓

correct plotting of large glass jar ✓

(6)

4.2 large ✓

(1)

4.2 candle wax ✓

(1)

4.4 The small glass jar has less air and hence less oxygen than the bigger jars. ✓
The smaller the amount of oxygen, the quicker it gets used up and the quicker the candle goes out. ✓

(Any other response along these lines).

(2)

[10]

QUESTION 5

5.1 A - organic layer ✓

B - topsoil ✓

C - subsoil ✓

(3)

5.2 the soil becomes eroded. ✓

(1)

[4]

QUESTION 6

- 6.1 body fossil ✓ (1)
- 6.2 Fossil wood does not burn because it is made of stone. ✓ (1)
- 6.3 Body fossils are the preserved remains of the body of an animal or plant ✓ and trace fossils are fossilised remains of the activity of an animal such as footprints, egg shells, and nests ✓ (2)
- [4]**

QUESTION 7

- 7.1 The bottom layer ✓ / black or lower layer/part (1)
- 7.2 Lime/ limestone is used by farmers to improve their soil, if the soil is too acidic. ✓ (1)
- 7.3 Sedimentary rocks form when small grains of rock, ✓ mud and sand form layers and become compacted over a very long time. ✓
- (Accept any other response along these lines)*

(2)

[4]

Total Marks: 40

WEIGHTING GRID FOR NS GRADE 5 PLC FINALTEST OF 2025

TOPIC	QUESTION NO.	LOW ORDER	MIDDLE ORDER	HIGH ORDER	TOTAL	
	QUESTION 1					
Stored energy in fuels	1.1	√			1	
Energy and Electricity	1.2	√			1	
Energy and Movement	1.3	√			1	
Energy and Movement	1.4		√		1	
Planet Earth	1.5	√			1	
The surface of the soil	1.6	√			1	
	QUESTION 2					
Stored energy in fuels	2.1	√			1	
Energy and Electricity	2.2	√			1	
Energy and Electricity	2.3	√			1	
Planet Earth	2.4	√			1	
The surface of the soil	2.5	√			1	
	QUESTION 3					
Energy and Electricity	3.1	√			1	
Energy and Electricity	3.2		√√		2	
Energy and Electricity	3.3	√			1	
Energy and Electricity	3.4		√√		2	
Energy and Electricity	3.5	√			1	

		QUESTION 4				
Stored energy in fuels	4.1			√√√√√√		6
Stored energy in fuels	4.2		√			1
	4.3		√			1
Stored energy in fuels	4.4		√√			2
		QUESTION 5				
The surface of the soil	5.1	√√√				3
The surface of the soil	5.2	√				1
		QUESTION 6				
Sedimentary rocks	6.1	√				1
Sedimentary rocks	6.2	√				1
Sedimentary rocks	6.3		√√			2
		QUESTION 7				
Fossils	7.1	√				1
Fossils	7.2		√			1
Fossils	7.3		√√			2
Total		20	14	6		40
Percentage		50√%	35%	15%		100%