



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

GEC PILOT STUDY 2024 MARKING GUIDELINES ENGLISH NATURAL SCIENCES GRADE 9

SECTION A

- One mark per answer.
- There are no half marks.
- Tick (✓) only the correct answer and underline the incorrect one.

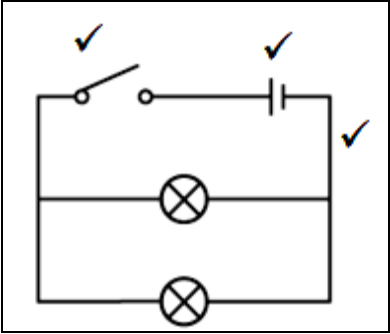
No.	Key (✓)	
1.	B	✓
2.	C	✓
3.	A	✓
4.	D	✓
5.	B	✓
6.	C	✓
7.	B	✓
8.	A	✓
9.	D	✓
10.	C	✓
11.	A	✓
12.	A	✓
13.	D	✓
14.	A	✓
15.	C	✓
16.	C	✓
17.	A	✓
18.	C	✓
19.	D	✓
20.	A	✓
21.	D	✓
22.	A	✓
23.	D	✓
24.	B	✓
25.	C	✓
26.	D	✓
27.	B	✓

No.	Key (✓)	
28.	B	✓
29.	C	✓
30.	C	✓
31.	A	✓
32.	C	✓
33.	B	✓
34.	B	✓
35.	D	✓
36.	C	✓
37.	A	✓
38.	D	✓
39.	A	✓
40.	B	✓
41.	C	✓
42.	C	✓
43.	C	✓
44.	B	✓
45.	D	✓
46.	A	✓
47.	D	✓
48.	D	✓
49.	B	✓
50.	C	✓
51.	A	✓
52.	A	✓
53.	D	✓
54.	C	✓
55.	D	✓

SECTION B

- Do not penalise the learner for the same mistake more than once.
- There are no half marks.
- Underline errors committed by learners, do not place a cross (X).

No.	Expected answer	Rationale/Clarification	Mark
1.	<p>When the negative charges (electrons) ✓ at the bottom of the cloud are attracted to the positive charges (protons) ✓ on the ground.</p> <p>OR</p> <p>When the charges at the bottom of the cloud ✓ are attracted to the charges on the ground ✓.</p> <p>OR</p> <p>When a massive electrostatic discharge occurs between cloud to cloud/ground to cloud/Cloud to ground/within the cloud ✓</p>	<p>2 marks: If both charges are indicated correctly (positive and negative ór protons and electrons).</p> <p>1 mark: If learner does not indicate which charges are attracted by each other.</p> <p>0 marks: If only part of the fact is provided.</p> <p>OR</p> <p>If definition is provided instead of description.</p>	2
2.	<p>By adding more lemons ✓ in series connection ✓.</p>	<p>2 marks: Correct answer.</p> <p>1 mark: If a learner includes adding more lemons but not stating series connection.</p> <p>0 marks: Incorrect answer.</p> <p>OR</p> <p>If only series connection is mentioned.</p>	2

No.	Expected answer	Rationale/Clarification	Mark
3.	 <p>A complete circuit with a cell, ✓ an open ✓ switch and two bulbs connected in parallel. ✓ All symbols drawn correctly.</p> <p>A circuit with any ONE of the following conditions: ✓</p> <ul style="list-style-type: none"> • a switch – must be open • only one cell • two bulbs in series – not parallel <p>OR</p> <p>One of the mentioned components is omitted or symbol incorrectly drawn. □□</p> <ul style="list-style-type: none"> • a switch • one cell • two bulbs <p>A circuit with any TWO of the following omitted: ✓</p> <ul style="list-style-type: none"> • a switch • one cell • two bulbs <p>Any three or more of the above. When bulbs are connected in series.</p>	<p>3 marks: A complete circuit with a cell, an open switch and two bulbs connected in parallel. All symbols drawn correctly.</p> <p>2 marks: A circuit with any ONE of the following conditions not met:</p> <ul style="list-style-type: none"> • a switch – must be open. • only one cell. • two bulbs in series – not parallel. <p>One of the mentioned components is omitted or symbol incorrectly drawn.</p> <ul style="list-style-type: none"> • a switch • one cell • two bulbs <p>1 mark: A circuit with any TWO of the following omitted:</p> <ul style="list-style-type: none"> • a switch • one cell • two bulbs <p>0 marks: Any three or more of the above are incorrect or omitted. When bulbs are connected in series.</p>	3
4.	<p>1. Air pollution ✓ 2. Water pollution ✓</p>	<p>2 marks: Both types correct.</p> <p>1 mark: One part of the correct answer is mentioned.</p> <p>0 marks: Any other incorrect explanation.</p>	2

5.	Lower mantle✓	1 mark: Lower mantle. 0 marks: Any other incorrect name than the answer.	1
6.	Metamorphic rock✓	1 mark: For the correct answer. 0 marks: Zero marks if sedimentary or igneous rock is mentioned.	1
7.	Open pit mining ✓ OR Surface mining OR Underground mining/ shaft mining OR Strip mining/Mountaintop removal Mining OR Panning	1 mark: Any one method mentioned. 0 marks: Any other incorrect answer.	1
8.	<ul style="list-style-type: none"> • Melting glaciers and polar ice sheets: <ul style="list-style-type: none"> ○ as global temperatures rise, ice on land (such as glaciers and ice sheets) ✓melts and flows into the ocean, contributing to higher sea levels. ✓ • Thermal expansion: <ul style="list-style-type: none"> ○ as the planet warms, seawater naturally expands✓, taking up more space. ✓ • Climate change: As the temperature increases the precipitation and evaporation patterns change✓ which alters the amount of water stored on land leading to more water flowing into the oceans ✓ 	<p>2 marks: Full explanation. Any relevant correct response.</p> <p>1 mark: Any one of the mentioned points. Any relevant correct response.</p> <p>0 marks: Any irrelevant answer.</p>	2

9.	Helium✓	1 mark: Correct answer. 0 marks: Incorrect answer.	1
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