

Unit: PHY1AP PHYSICS UNIT 1A

Centre:

Candidate Number:

UCI:

Series: BG08

Candidate Name:

20-NOV-08

For completion by the Examination Invigilator. Please fill this circle if the candidate is absent:

HIGHER TIER

Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

Questions ONE to NINE Choose one response 1 - 4 for each of the parts A - D

| | QUESTION ONE | 1 | 2 | 3 | 4 |
|------------------|--------------|---|---|---|---|
| 1A 0.6 | | 0 | 0 | 0 | 0 |
| 1B 5 | | 0 | 0 | 0 | 0 |
| 1C ₁₅ | | 0 | 0 | 0 | 0 |
| 1D ₃₀ | (cut) | 0 | 0 | 0 | ٥ |
| | | | | | 4 |
| 2A | | 0 | O | Ö | 0 |
| 2B | | O | 0 | 0 | 0 |
| 2C | | 0 | 0 | 0 | 0 |
| 2D | | | | | |

| QUESTION THREE | | | | | | |
|----------------|---|---|---|---|--|--|
| | 1 | 2 | 3 | 4 | | |
| 3A | 0 | 0 | 0 | 0 | | |
| 3B | 0 | 0 | 0 | O | | |
| 3C | Ü | Ü | 0 | Ü | | |
| 3D | 0 | | 0 | 0 | | |

| / | QUES | TION | SIX | |
|----|------|------|-----|---------|
| | 1 | 2 | 3 | 4 |
| 6A | 0 | 0 | 0 | 0 |
| 6B | O.E | 0 | 0 | Q |
| 6C | 0 | 0 | 0 | 0 |
| 6D | 0 | 0 | 0 | \circ |

| (| QUEST | ION I | FOUF | ? |
|----|-------|----------------|------|------------|
| | 1 | 2 | 3 | 4 |
| 4A | 0 | 0 | 0 | 0 |
| 4B | 0 | 0 | 0 | 0 |
| 4C | Own | O _E | 0 | 0 |
| 4D | 0 | 0 | 0 | \bigcirc |

| Q | UESTI | ON S | EVE | N |
|----|----------|----------|----------|----|
| 7A | 1 | 2 | 3 | 4 |
| 7B | 0 | 0 | 0 | 0 |
| 7C | 0 | 0 32 | 0 | |
| 7D | 0 | | 0 | o) |

| | QUEST | TION | NINE | | 1 |
|----|-------|------|------|---|---|
| ; | 1 | 2 | 3 | 4 | |
| 9A | 0 | 0 | 0 | 0 | |
| 9B | 0 | 0 | 0 | 0 | |
| 9C | 0 | 0 | 0 | O | |
| 9D | 0 | 0 | 0 | 0 | |

| / | QUEST | TION | FIVE | | |
|----|-------|-------|------|-----|--|
| 1 | 1 | 2 | 3 | 4 | |
| 5A | 0 | us Os | 0 | 0 | |
| 5B | 0 | 0 | 0 | o ! | |
| 5C | 0 | 0 | 0 | o i | |
| 5D | 0 | 0 | 0 | 0) | |

| (| QUES | ΓΙΟΝ Ε | IGH | T |
|----|----------|----------|---------------|------|
| 8A | 1 | 2 | 3 ਂ | 4 |
| 8B | 0 | 0 | 0 | 0 |
| 8C | 0 | 0 | \circ | 0 |
| 8D | 0 | | 0 | 10 J |

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FOUNDATION TIER

Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

Questions ONE to NINE Choose one response 1 - 4 for each of the parts A - D

| , | QUESTION ONE | 1 | 2 | 3 | 4 |
|----|---|----|----------|----------|----|
| ΙΑ | electrical | 0 | - | | _ |
| 1B | heat | 0 | 0 | 0 | 0 |
| 1C | light | 0 | Q | 0 | 0 |
| 1D | sound | 0 | 0 | 0 | |
| | QUESTION TWO | 1 | 2 | 3 | 4 |
| 2A | geothermal | 0 | 0 | 0 | 0 |
| 2B | falling water (hydroelectric) | 0 | | 0 | Q. |
| 2C | tides | 0 | 0 | 0 | 0 |
| 2D | waves | 0 | 0 | 0 | 0 |
| | QUESTION THREE | 1_ | 2 | 3 | 4 |
| 3A | conduction | 0 | 0 | 0 | 0 |
| 3B | convection | 0 | | | |
| 3C | insulation | 0 | 0 | 0 | 0 |
| 3D | radiation | 0 | 0 | 0 | 0 |
| | QUESTION FOUR | 1 | 2 | 3 | 4 |
| 4A | This is where the electricity is being used. | 0 | 0 | | 0 |
| 4B | This is where the electricity is being generated. | 0 | О | 0 | 0 |
| 4C | This is where the voltage is increased. | 0 | 0 | 0 | 0 |
| 4D | This is where the voltage is decreased. | 0 | 0 | 0 | 0 |
| | QUESTION FIVE | 1 | 2 | 3 | 4 |
| 5A | 0.6 | 0 | 0 | Ō | 0 |
| 5B | 5 | 0 | 0 | 0 | 0 |
| 5C | 15 | 0 | 0 | 0 | 0 |
| 5D | 30 | 0 | 0 | 0 | 0 |

| QUESTION SIX | | | | | |
|--------------|---|---|---|----|--|
| | 1 | 2 | 3 | 4 | |
| 6A | 0 | 0 | | V | |
| 6B | 0 | 0 | 0 | 0 | |
| 6C | 0 | 0 | 0 | 0 | |
| 6D_ | 0 | 0 | 0 | 0) | |

| | QUESTI | ON S | EVE | V |
|----|--------|------|------|----|
| | 1 | 2 | 3 | 4 |
| 7A | O | 0 | O | U |
| 7B | 0 | 0 | 0 | Q) |
| 7C | 0 | 0 | 0 | 0 |
| 7D | 0 | 0 | 0 | 0 |
| | QUEST | ION | NINE | |

| QUESTION EIGHT | | | | | | |
|----------------|---|---|---|---|--|--|
| | 1 | 2 | 3 | 4 | | |
| A8 | 0 | 0 | 0 | | | |
| 8B 8C | 0 | 0 | 0 | 0 | | |
| 8D | 0 | 0 | 0 | 0 | | |

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