

Unit : PHY1AP PHYSICS UNIT 1A

Centre :

Candidate Number :

UCI :

Series : BG07

Candidate Name :

22-NOV-07

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
A	gravitational potential energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	kinetic energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	light energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	thermal energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO		1	2	3	4
A	battery	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	buoy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	generator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	turbine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE		1	2	3	4
A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION FOUR		1	2	3	4
A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION FIVE		1	2	3	4
A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION SIX		1	2	3	4
A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION SEVEN		1	2	3	4
A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION EIGHT		1	2	3	4
A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION NINE		1	2	3	4
A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

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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
A	chemical energy to heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	electrical energy to heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	light energy to electrical energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	kinetic energy to electrical energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO		1	2	3	4
A	conduction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	convection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	insulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	radiation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE		1	2	3	4
A	nuclear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	solar	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	tides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR		1	2	3	4
A	the method that costs most to install	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	the method that conserves most energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	the method that pays for itself in less than one year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	the method takes five years to pay for itself	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FIVE		1	2	3	4
A	0.05	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	95	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	100	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION SIX		1	2	3	4
A	gravitational potential energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	kinetic energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	light energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	thermal energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

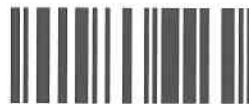
QUESTION SEVEN		1	2	3	4
A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION EIGHT		1	2	3	4
A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION NINE		1	2	3	4
A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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