

Unit : PHY1AP PHYSICS UNIT 1A

Centre :

Candidate Number :

UCI :

Series : 3G08

Candidate Name :

05-MAR-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
A	house	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	power station	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	step-down transformer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	step-up transformer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO		1	2	3	4
A	cold water is pumped into the rocks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	steam drives turbines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	turbines drive generators	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	water is heated by radioactive decay	<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	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 TWO		1	2	3	4
A	electrical energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	thermal 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	kinetic energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE		1	2	3	4
A	acid rain	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	global warming	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	noise pollution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	radioactive waste	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR		1	2	3	4
A	coal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	natural gas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	renewable sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FIVE		1	2	3	4
A	10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	2000	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION SIX		1	2	3	4
A	house	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	power station	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	step-down transformer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	step-up transformer	<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"/>	<input type="radio"/>
B	<input type="radio"/>	<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"/>	<input type="radio"/>
D	<input type="radio"/>	<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"/>	<input type="radio"/>
B	<input type="radio"/>	<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"/>	<input type="radio"/>
D	<input type="radio"/>	<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"/>	<input type="radio"/>
B	<input type="radio"/>	<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"/>	<input type="radio"/>
D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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