

Centre :

Test Series : 05 JUNE 2005 SERIES Q

Module : 346009 ENERGY

**Candidate Number :****UCI :****Candidate Name :**

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

## 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 FIVE: Choose **one** answer for each of the parts 1 to 4.

QUESTION ONE	1	2	3	4
electric fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
electric lamp	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
electric toothbrush	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO	1	2	3	4
geothermal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
hydroelectric	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
waves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE	1	2	3	4
coal-fired	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
nuclear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
tidal barrage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
wind farm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR	1	2	3	4
decrease the temperature of the object	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
insulate the object	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
make the surface of the object shiny	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
paint the surface of the object black	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FIVE	1	2	3	4
floors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
roof	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
walls	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
windows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Questions SIX and SEVEN: Choose **two** answers for each question.

QUESTION SIX	
fossil fuel power stations	<input type="checkbox"/>
geothermal power stations	<input type="checkbox"/>
nuclear power stations	<input type="checkbox"/>
solar cells	<input type="checkbox"/>
tidal barrages	<input type="checkbox"/>

QUESTION SEVEN	
P	<input type="checkbox"/>
Q	<input type="checkbox"/>
R	<input type="checkbox"/>
S	<input type="checkbox"/>
T	<input type="checkbox"/>

Questions EIGHT to TEN: Choose **one** answer for each of the parts 1 to 4.

QUESTION EIGHT				
	A	B	C	D
8.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION NINE				
	A	B	C	D
9.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TEN				
	A	B	C	D
10.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

# 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 and TWO: Choose **one** answer for each of the parts 1 to 4.

QUESTION ONE	1	2	3	4
floors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
roof	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
walls	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
windows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO	1	2	3	4
density of liquid decreases	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
liquid at the bottom becomes warmer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
liquid expands as it gets warmer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
warmer liquid rises	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Questions THREE and FOUR: Choose **two** answers for each question.

QUESTION THREE	
P	<input type="radio"/>
Q	<input type="radio"/>
R	<input type="radio"/>
S	<input type="radio"/>
T	<input type="radio"/>

QUESTION FOUR	
burning fossil fuels produces acid rain	<input type="radio"/>
nuclear fuels are renewable	<input type="radio"/>
nuclear waste is radioactive	<input type="radio"/>
the cost of decommissioning nuclear power stations is very high	<input type="radio"/>
the running costs of nuclear power stations are low	<input type="radio"/>

Questions FIVE to TEN: Choose **one** answer for each of the parts 1 to 4.

QUESTION FIVE				
	A	B	C	D
5.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION SIX				
	A	B	C	D
6.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION SEVEN				
	A	B	C	D
7.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION EIGHT				
	A	B	C	D
8.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION NINE				
	A	B	C	D
9.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TEN				
	A	B	C	D
10.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

For AQA Office Use Only