

Centre :

Test Series : 06 MARCH 2006 SERIES H

Module : 346010 ELECTRICITY

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

cable grip is loose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
case is broken	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
DVD player is not earthed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
wrong fuse is used	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO

1 2 3 4

fuse	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LDR (light dependent resistor)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
variable resistor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
voltmeter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE

1 2 3 4

fuse	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LDR (light dependent resistor)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
variable resistor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
voltmeter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR

1 2 3 4

moves further	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
moves to the left	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
moves to the right	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
points to 0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FIVE

1 2 3 4

50 hertz	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
58 ohms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
230 volts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
920 watts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QUESTION SIX

the reading on the ammeter decreases	<input type="radio"/>
the reading on the ammeter increases	<input type="radio"/>
the resistance of the thermistor decreases	<input type="radio"/>
the resistance of the thermistor increases	<input type="radio"/>
the resistance of the thermistor is unchanged	<input type="radio"/>

QUESTION SEVEN

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

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
50 hertz	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
58 ohms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
230 volts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
920 watts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO	1	2	3	4
current flows through the coil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
part X does not move	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
part X is attracted to the iron core	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the iron core becomes an electromagnet	<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	
J	<input type="radio"/>
K	<input type="radio"/>
L	<input type="radio"/>
M	<input type="radio"/>
N	<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"/>

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