

Centre :

Test Series : 05 NOVEMBER 2005 SERIES C

Module : 346023 PHYSICS IN ACTION

**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

input sensor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
output device	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
processor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
relay	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### QUESTION TWO

1 2 3 4

converging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
diverging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
real	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
virtual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### QUESTION THREE

1 2 3 4

the LDR gives a high output	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the LDR gives a low output	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the street lights switch off	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the street lights switch on	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### QUESTION FOUR

1 2 3 4

coil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
lamp	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
relay	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
switch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### QUESTION FIVE

1 2 3 4

charge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
current	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
potential difference	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
resistance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

### QUESTION SIX

AND gate	<input type="radio"/>
LDR	<input type="radio"/>
LED	<input type="radio"/>
motor	<input type="radio"/>
thermistor	<input type="radio"/>

### QUESTION SEVEN

G	<input type="radio"/>
H	<input type="radio"/>
J	<input type="radio"/>
K	<input type="radio"/>
L	<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
charge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
current	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
potential difference	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
resistance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO	1	2	3	4
P	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
R	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
S	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QUESTION THREE	
G	<input type="radio"/>
H	<input type="radio"/>
J	<input type="radio"/>
K	<input type="radio"/>
L	<input type="radio"/>

QUESTION FOUR	
rays of light are brought to a focus at the image	<input type="radio"/>
the image is on the same side of the lens as the object	<input type="radio"/>
the image is seen on a screen at point P	<input type="radio"/>
the image produced is a virtual image	<input type="radio"/>
the image produced is upside-down	<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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