

Centre :

Test Series : 05 MARCH 2005 SERIES J

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
capacitor	<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"/>
LDR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
thermistor	<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
AND gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
drill circuit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
pressure switch	<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 FOUR	1	2	3	4
capacitor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LED	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NOT gate	<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 FIVE	1	2	3	4
an AND gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
an AND gate followed by a NOT gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
a NOT gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
an OR gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QUESTION SIX				
J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
L	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION SEVEN				
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"/>
T	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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
an AND gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
an AND gate followed by a NOT gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
a NOT gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
an OR gate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO	1	2	3	4
CCTV	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e-mail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
internet searching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
mobile phone	<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	
1 is the flat sheet and 2 is the converging lens	<input type="radio"/>
1 is the flat sheet and 2 is the diverging lens	<input type="radio"/>
1 is the diverging lens and 3 is the converging lens	<input type="radio"/>
2 is the converging lens and 3 is the flat sheet	<input type="radio"/>
2 is the converging lens and 3 is the diverging lens	<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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