

Centre :

Test Series : 05 MARCH 2005 SERIES J

Module : 346015 MATERIALS AND REACTIONS

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
calcium carbonate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
calcium hydroxide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
calcium oxide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
carbon dioxide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO

	1	2	3	4
carbon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
chromium	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
iron	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
sulphur	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE

	1	2	3	4
clay	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
haematite	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
poly(ethene)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
poly(propene)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR

	1	2	3	4
combining	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
condensing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
cracking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
neutralising	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FIVE

	1	2	3	4
metal A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
metal B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
metal C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
metal D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QUESTION SIX

copper	<input type="radio"/>
copper hydroxide	<input type="radio"/>
copper sulphate	<input type="radio"/>
oxygen	<input type="radio"/>
water	<input type="radio"/>

QUESTION SEVEN

most plastics are biodegradable	<input type="radio"/>
most plastics resist breakdown by microorganisms	<input type="radio"/>
plastics are made when large molecules are broken down	<input type="radio"/>
plastics are produced by fractional distillation of crude oil	<input type="radio"/>
poly(ethene) is a plastic	<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

metal A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
metal B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
metal C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
metal D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO

1 2 3

1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QUESTION THREE

most plastics are biodegradable	<input type="checkbox"/>
most plastics resist breakdown by microorganisms	<input type="checkbox"/>
plastics are made when large molecules are broken down	<input type="checkbox"/>
plastics are produced by fractional distillation of crude oil	<input type="checkbox"/>
poly(ethene) is a plastic	<input type="checkbox"/>

QUESTION FOUR

argon (Ar) and potassium (K)	<input type="checkbox"/>
chlorine (Cl) and argon (Ar)	<input type="checkbox"/>
magnesium (Mg) and aluminium (Al)	<input type="checkbox"/>
neon (Ne) and sodium (Na)	<input type="checkbox"/>
tellurium (Te) and iodine (I)	<input type="checkbox"/>

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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