

Centre :

Test Series : 06 MARCH 2006 SERIES H

Module : 346021 AQUEOUS AND ORGANIC CHEMISTRY

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
condenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
dissolves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
evaporates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
filters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO

	1	2	3	4
air	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
catalysts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ethanol	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
sugar	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE

	1	2	3	4
strong acid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
strong alkali	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
weak acid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
weak alkali	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR

	1	2	3	4
calcium ions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
hydroxide ions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
nitrate ions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
sodium ions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FIVE

	1	2	3	4
chlorine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
magnesium carbonate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
nitric acid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
zinc sulphate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QUESTION SIX

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

QUESTION SEVEN

de-ionised water is hard water	<input type="radio"/>
some of the hardness is removed from Sample M when it is boiled	<input type="radio"/>
the hardest water is Sample L	<input type="radio"/>
when soap solution is first added to Sample K, a scum will form	<input type="radio"/>
when water is boiled, all the hardness in the water is removed	<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

chlorine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
magnesium carbonate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
nitric acid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
zinc sulphate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO

1 2 3 4

carbon dioxide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
chloroethene	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
hydrogen chloride	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
hydrogen cyanide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QUESTION THREE

de-ionised water is hard water	<input type="radio"/>
some of the hardness is removed from Sample M when it is boiled	<input type="radio"/>
the hardest water is Sample L	<input type="radio"/>
when soap solution is first added to Sample K, a scum will form	<input type="radio"/>
when water is boiled, all the hardness in the water is removed	<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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