

Centre :

Test Series : 05 MARCH 2005 SERIES J

Module : 346006 EARTH MATERIALS

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
liquid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
metal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
rock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
solid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE

	1	2	3	4
carbon dioxide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
methane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
nitrogen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
oxygen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR

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

QUESTION FIVE

	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"/>

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

QUESTION SIX

tectonic plates are all gradually shrinking	<input type="radio"/>
tectonic plates are made only of sedimentary rocks	<input type="radio"/>
tectonic plates move because of convection currents	<input type="radio"/>
tectonic plates move slowly	<input type="radio"/>
tectonic plate movement is caused by earthquakes	<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

combining
condensing
cracking
neutralising

1

QUESTION TWO

1 2 3 4

1
2
3
4

2

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

QUESTION THREE

most plastics are biodegradable
most plastics resist breakdown by microorganisms
plastics are made when large molecules are broken down
plastics are produced by fractional distillation of crude oil
poly(ethene) is a plastic

3

QUESTION FOUR

ethene burns to produce carbon dioxide and hydrogen
ethene is an alkane
ethene is an unsaturated hydrocarbon
ethene molecules combine to produce the polymer, poly(propene)
ethene molecules have a carbon carbon double bond

4

Questions FIVE to TEN: Choose **one** answer for each of the parts 1 to 4.

QUESTION FIVE

A B C D

5.1
5.2
5.3
5.4

QUESTION SIX

A B C D

6.1
6.2
6.3
6.4

QUESTION SEVEN

A B C D

7.1
7.2
7.3
7.4

QUESTION EIGHT

A B C D

8.1
8.2
8.3
8.4

QUESTION NINE

A B C D

9.1
9.2
9.3
9.4

QUESTION TEN

A B C D

10.1
10.2
10.3
10.4

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