

Centre :

Test Series : 05 NOVEMBER 2005 SERIES C

Module : 346002 MAINTENANCE OF LIFE

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

- | | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| contains light receptors | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| contains receptors sensitive to smells | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| contains sound receptors | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| contains temperature receptors | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

QUESTION TWO

1 2 3 4

- | | | | | |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| contains cell sap | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| controls the activities of the cell | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| releases oxygen in the light | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| strengthens the cell | <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"/> |
| glucose | <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"/> |
| water | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

QUESTION FOUR

1 2 3 4

- | | | | | |
|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|
| muscle | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| receptor | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| sensory neurone | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| spinal cord | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

QUESTION FIVE

1 2 3 4

- | | | | | |
|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| affects behaviour when inhaled | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| makes it difficult to stop smoking | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| reduces amount of oxygen in the blood | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| slows down reactions | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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

QUESTION SIX

- | | |
|---|-----------------------|
| both shoots have grown towards moisture | <input type="radio"/> |
| both shoots have grown in the direction of the force of gravity | <input type="radio"/> |
| only shoot Y has grown away from moisture | <input type="radio"/> |
| shoot Y has grown more than shoot X | <input type="radio"/> |
| shoot Y has grown towards light from one side but shoot X has not | <input type="radio"/> |

QUESTION SEVEN

- | | |
|-----------------|-----------------------|
| alcohol | <input type="radio"/> |
| amino acids | <input type="radio"/> |
| carbon dioxide | <input type="radio"/> |
| sugar (glucose) | <input type="radio"/> |
| urea | <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

- affects behaviour when inhaled 1 2 3 4
- makes it difficult to stop smoking 1 2 3 4
- reduces amount of oxygen in the blood 1 2 3 4
- slows down reactions 1 2 3 4

QUESTION TWO

1 2 3 4

- change shape 1 2 3 4
- contract 1 2 3 4
- focus 1 2 3 4
- slacken 1 2 3 4

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

QUESTION THREE

- alcohol
- amino acids
- carbon dioxide
- sugar (glucose)
- urea

QUESTION FOUR

- insulin is released from the pancreas
- the liver converts glycogen to glucose
- the liver releases glycogen into the blood
- the pancreas releases glucose into the blood
- the pancreas secretes glucagon

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

QUESTION FIVE

A B C D

- 5.1 A B C D
- 5.2 A B C D
- 5.3 A B C D
- 5.4 A B C D

QUESTION SIX

A B C D

- 6.1 A B C D
- 6.2 A B C D
- 6.3 A B C D
- 6.4 A B C D

QUESTION SEVEN

A B C D

- 7.1 A B C D
- 7.2 A B C D
- 7.3 A B C D
- 7.4 A B C D

QUESTION EIGHT

A B C D

- 8.1 A B C D
- 8.2 A B C D
- 8.3 A B C D
- 8.4 A B C D

QUESTION NINE

A B C D

- 9.1 A B C D
- 9.2 A B C D
- 9.3 A B C D
- 9.4 A B C D

QUESTION TEN

A B C D

- 10.1 A B C D
- 10.2 A B C D
- 10.3 A B C D
- 10.4 A B C D

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