

Centre :

Test Series : 04 NOVEMBER 2004 SERIES D

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

- |        |                       |                       |                       |                       |
|--------|-----------------------|-----------------------|-----------------------|-----------------------|
| ear    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| eye    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| skin   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| tongue | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

### QUESTION TWO

1 2 3 4

- |          |                       |                       |                       |                       |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| brain    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| kidney   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| lung     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| pancreas | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

### QUESTION THREE

1 2 3 4

- |               |                       |                       |                       |                       |
|---------------|-----------------------|-----------------------|-----------------------|-----------------------|
| blood         | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| cytoplasm     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| liver         | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| motor neurone | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

### QUESTION FOUR

1 2 3 4

- |                                     |                       |                       |                       |                       |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| cell membrane                       | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| cell wall                           | <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"/> |
| filled with cell sap                | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

### QUESTION FIVE

1 2 3 4

- |                                |                       |                       |                       |                       |
|--------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| carries impulses to the brain  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| ciliary muscle                 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| contains light sensitive cells | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| suspensory ligament            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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

### QUESTION SIX

- |                |                       |                       |                       |                       |
|----------------|-----------------------|-----------------------|-----------------------|-----------------------|
| carbon dioxide | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| nitrate        | <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"/> |
| starch         | <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 SEVEN

- |  |                       |                       |                       |                       |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| changes in the working of the nervous system | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| damage to the digestive system               | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| damage to the liver                          | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| diabetes                                     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| heart attacks                                | <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                     |
|--------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| carries impulses to the brain  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| ciliary muscle                 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| contains light sensitive cells | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| suspensory ligament            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION TWO                             | 1                     | 2                     | 3                     | 4                     |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| soil deficient in nitrate ions           | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| soil deficient in phosphate ions         | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| soil deficient in potassium ions         | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| unequal distribution of hormones in stem | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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

| QUESTION THREE                               |                          |
|--|--------------------------|
| changes in the working of the nervous system | <input type="checkbox"/> |
| damage to the digestive system               | <input type="checkbox"/> |
| damage to the liver                          | <input type="checkbox"/> |
| diabetes                                     | <input type="checkbox"/> |
| heart attacks                                | <input type="checkbox"/> |

| QUESTION FOUR  |                          |
|--|--------------------------|
| it allows gases to enter and leave the leaf                                | <input type="checkbox"/> |
| it enables plants to absorb ions from dilute solutions in the soil         | <input type="checkbox"/> |
| it involves the movement of water from a dilute to a concentrated solution | <input type="checkbox"/> |
| it is the same as diffusion  | <input type="checkbox"/> |
| it needs energy from the process of respiration                            | <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"/> |

**For AQA Office Use Only**