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|-----|--------|-----|-----|----|
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Test Series: 05 MARCH 2005 SERIES J

Module: 346013 LIFE AND LIVING PROCESSES

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 |
|--------------------------|---|---|---|---|
| cell membrane | 0 | | 0 | 0 |
| cell wall | 0 | 0 | 0 | 0 |
| cytoplasm | 0 | | 0 | 0 |
| genetic material (genes) | 0 | 0 | 0 | 0 |
| QUESTION THREE | 1 | 2 | 3 | 4 |
| carbon dioxide | 0 | 0 | 0 | 0 |
| | | | | |

| no parto i to 4. | | | | |
|--------------------------------|-----|---|---|---|
| QUESTION TWO | 1 | 2 | 3 | 4 |
| produces insulin | 0 | | 0 | 0 |
| produces sweat | 0 | 0 | 0 | 0 |
| produces urine | 0 | 0 | 0 | 0 |
| receives impulses from the eye | 0 | 0 | 0 | 0 |
| OUESTION FOUR | - 4 | 0 | 0 | |

| QUESTION THREE | 1 | 2 | 3 | 4 |
|----------------|----|---|---|---|
| carbon dioxide | 0 | 0 | 0 | 0 |
| glucose | 0 | 0 | 0 | 0 |
| oxygen | .0 | 0 | 0 | 0 |
| urea | 0 | 0 | 0 | 0 |

| QUESTION FOUR | 1 | 2 | 3 | 4 |
|---------------|----|---|---|---|
| brain | 0 | 0 | 0 | 0 |
| muscles | O | 0 | 0 | 0 |
| response | 0 | 0 | 0 | 0 |
| stimulus | 10 | 0 | 0 | 0 |

| QUESTION FIVE | 1 | 2 | 3 | 4 |
|------------------|---|---|---|---|
| plasma | 0 | 0 | 0 | 0 |
| platelet | 0 | 0 | 0 | Ó |
| red blood cell | 0 | 0 | 0 | 0 |
| white blood cell | 0 | 0 | 0 | 0 |

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

QUESTION SIX

antibodies
itoxins
bile
toxins

vaccines

| | 11 |
|---|----|
| 0 | |
| 0 | |
| 0 | |
| 0 | |

QUESTION SEVEN

fats oils protein starch

sugar

| 0 | |
|---|---|
| 0 | |
| 0 | × |
| 0 | |
| 0 | |

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

| | - | | Ven III | |
|-----|-----|------|---------|---|
| C | UES | TION | EIGH" | T |
| | Α | В | C | D |
| 21 | 0 | 0 | 0 | 0 |
| 8.2 | 0 | 0 | 0 | 0 |
| 8.3 | 0 | 0 | 0 | 0 |
| 8.4 | 0 | 0 | 0 | 0 |

| | Α | В | C | D |
|-----|---|-----|---|---|
| 9.1 | 0 | 0 | 0 | O |
| 9.2 | 0 | 0 | 0 | 0 |
| 9.3 | 0 | 0 | 0 | 0 |
| 9.4 | 0 | (0) | 0 | 0 |

| | QUE | D | | |
|------|-----|---|---|---|
| | А | В | C | D |
| 10.1 | 0 | 0 | 0 | 0 |
| 10.2 | 0 | 0 | 0 | 0 |
| 10.3 | 0 | 0 | 0 | 0 |
| 10.4 | 0 | 0 | 0 | 0 |

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 |
|------------------|---|----|---|---|
| plasma | 0 | 0 | 0 | 0 |
| platelet | 0 | 10 | 0 | 0 |
| red blood cell | 0 | 0 | 0 | 0 |
| white blood cell | 0 | 0 | 0 | 0 |

| QUESTION TWO | 1 | 2 | 3 | 57 |
|-------------------|---|---|---|----|
| ADH | 0 | 0 | 0 | 0 |
| bile | 0 | 0 | 0 | 0 |
| hydrochloric acid | 0 | 0 | 0 | 0 |
| nicotine | 0 | 0 | 0 | 0 |

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

| QUE | STION THREE | |
|------------|-------------|---|
| antibodies | | 0 |
| antitoxins | | 0 |
| bile | | 0 |
| toxins | | 0 |
| vaccines | | 0 |

| QUESTION FOUR | |
|--------------------------|----|
| contain haemoglobin | 0 |
| lack a nucleus | |
| produce antibodies | .0 |
| transport carbon dioxide | 0 |
| transport urea | ő |

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

| | QUE: | STION | FIVE | D |
|-----|------|-------|------|---|
| 5.1 | 0 | 0 | 0 | 0 |
| 5.2 | 0 | 0 | 0 | 0 |
| 5.3 | 0 | 0 | 0 | 0 |
| 5.4 | 0 | 0 | 0 | 0 |

| | QUE | STION | N SIX | |
|-----|-----|-------|-------|---|
| | A | В | C | D |
| 6.1 | 0 | 0 | 0 | 0 |
| 6.2 | 0 | 0 | 0 | 0 |
| 6.3 | 0 | 0 | 0 | 0 |
| 6.4 | 0 | 0 | 0 | 0 |

| - | A | В | SEVE | D |
|-----|---|---|------|---|
| 7.1 | 0 | 0 | 0 | 0 |
| 7.2 | 0 | 0 | 0 | 0 |
| 7.3 | 0 | 0 | 0 | 0 |
| 7.4 | 0 | 0 | 0 | 0 |

| 0 | QUESTION EIGHT | | | | | |
|-----|----------------|---|-----|---|--|--|
| | Α | В | C | D | | |
| 8.1 | 0 | 0 | 0 | 0 | | |
| 8.2 | 0 | 0 | 0 | 0 | | |
| 8.3 | 0 | 0 | 0 | 0 | | |
| 8.4 | 0 | 0 | - 0 | 0 | | |

| | QUES | TION | NINE | D |
|-----|------|------|------|---|
| 9.1 | 0 | 0 | 0 | 0 |
| 9.2 | 0 | 0 | 0 | 0 |
| 9.3 | 0 | 0 | 0 | 0 |
| 9.4 | 0 | 0 | 0 | 0 |

| QUESTION TEN A B C D | | | | | |
|-------------------------|---|---|---|---|--|
| 10.1 | 0 | 0 | 0 | 0 | |
| 10.2 | 0 | 0 | 0 | 0 | |
| 10.3 | 0 | 0 | 0 | 0 | |
| 10.4 | 0 | 0 | 0 | 0 | |

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1008