

BINDURA UNIVERSITY OF SCIENCE EDUCATION
SCIENCE & MATHEMATICS EDUCATION DEPARTMENT
DipScEd
HUMAN HEALTH AND DISEASES (DB005)

EXAMINATION
2 HOURS (100 MARKS)

JUN 2024

INSTRUCTIONS TO CANDIDATES

Answer FOUR questions. You MUST answer QUESTION 1 (Section A) and any THREE questions from Section B. Each question carries 25 MARKS. Where a question contains sub-divisions, the mark value of each sub-division is given in brackets. Illustrate your answer where appropriate with large clearly labelled diagrams. You should not spend more than thirty minutes on each question.

SECTION A (COMPULSORY)

1. Explain the differences between the following pairs of diseases:

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|--------------------------------------|-----------|
| (a) Physical and mental | (8 marks) |
| (b) Infectious and non-infectious | (8 marks) |
| (c) Inherited and deficiency disease | (9 marks) |

SECTION B

2. Discuss the statement that health is more than the absence of a disease.

3. (a) Explain the term balanced diet. (10 marks)

(b) Discuss the importance of diet in preventing diseases. (15 marks)

4. Discuss the importance of the following:

- | | |
|---------------------------|-----------|
| (a) Essential amino acids | (5 marks) |
| (b) Essential fatty acids | (5 marks) |
| (c) Vitamin A | (5 marks) |
| (d) Vitamin D | (5 marks) |
| (e) Roughage | (5 marks) |

5. Discuss the public health measures that should be taken during a cholera epidemic.

6. Write short notes on any **FIVE** of the following:

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|-------------------------|-----------|
| (a) Immunity | (5 marks) |
| (b) Phagocytosis | (5 marks) |
| (c) Infectious diseases | (5 marks) |
| (d) Drugs | (5 marks) |
| (e) Addiction | (5 marks) |
| (f) Drug dependence | (5 marks) |

END OF EXAMINATION