

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

JUN 2022

EXAMINATION

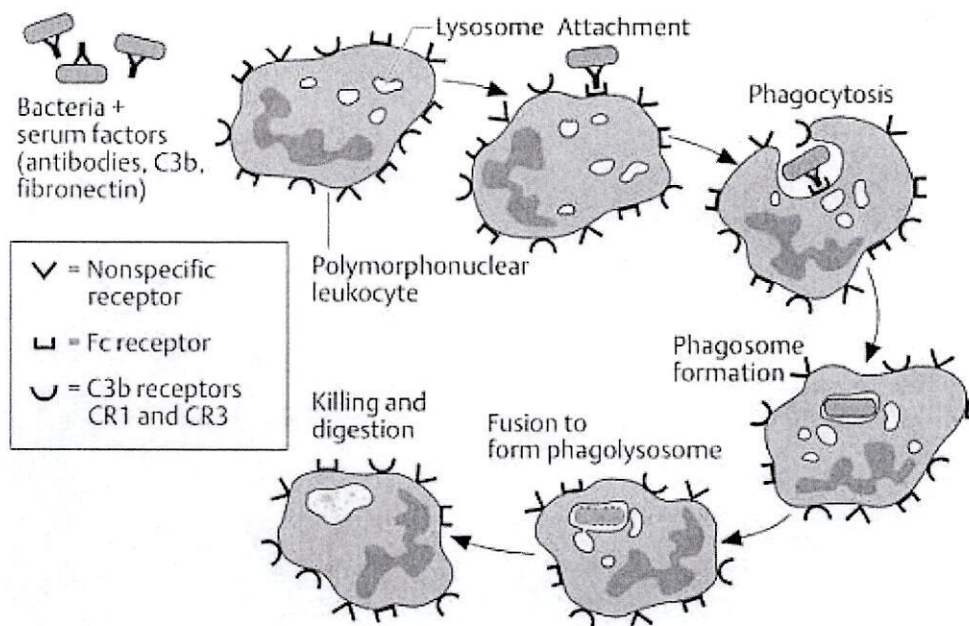
2 HOURS (100 MARKS)

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. Describe the processes shown on the diagram below with reference to mode of action of white blood cells. (15 marks)



- (b) Describe active and passive immunity (10 marks)

SECTION B

2. Describe any 7 ways in which the human body protects itself from infections.
3. Write short notes on any **FIVE** of the following:

- | | |
|---------------------------|-----------|
| (a) Infectious diseases | (5 marks) |
| (b) Drugs | (5 marks) |
| (c) Balanced diet | (5 marks) |
| (d) Inherited diseases | (5 marks) |
| (e) Addiction | (5 marks) |
| (f) Essential fatty acids | (5 marks) |

4. Discuss the term health.

5. Describe causes and signs and symptoms of cholera, TB, malaria.

6. Describe the effects of exercise on the cardiovascular system.

END OF EXAMINATION