

**2003000205030038**  
**EXAMINATION FEBRUARY -MARCH 2024**  
**BACHELOR OF SCIENCE (FIFTH SEMESTER)**  
**BIOSCIENCE (MICROBIOLOGY) LEVEL-3**  
**GE-086 HEALTH SCIENCE**

[Time: As Per Schedule]

[Max. Marks: 50]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
- b. Name of the Subject : **BIOSCIENCE (MICROBIOLOGY) LEVEL-3 GE-086 HEALTH SCIENCE**
- c. Subject Code No : **2003000205030038**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.
5. Draw neat & clean diagram wherever necessary.

Seat No:

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Student's Signature

**Q.1 Multiple choice question (MCQs).**

**8**

1. Which of the following is a dimension of health?
  - a. Physical
  - b. Social
  - c. Spiritual
  - d. All
  
2. Following is the concept of well-being, except \_\_\_\_\_
  - a. Quantity of life
  - b. Standard of living
  - c. Level of living
  - d. Quality of life
  
3. A reservoir of an infectious agent can be:
  - a. A human
  - b. An animal
  - c. An inanimate object
  - d. All
  
4. Which of the following is a biological vector?
  - a. House fly
  - b. Tick
  - c. Mosquito
  - d. Mite
  
5. Which of the following is a vitamin B complex?
  - a. Vitamin – C
  - b. Pyridoxine
  - c. Vitamin – A
  - d. None.

6. Which of the following is a micronutrient?
  - a. Minerals
  - b. Protein
  - c. Lipid
  - d. All
  
7. An example of immunizing agent
  - a. Antisera
  - b. Vaccine
  - c. Immunoglobulins
  - d. All
  
8. The flow of communication from the communicator to the audience is known as \_\_\_\_\_.
  - a. One-way communication
  - b. Two-way communication
  - c. Verbal communication.
  - d. Nonverbal communication

**Q.2 (A) Short answer question**

**4**

1. Define: Malnutrition.
2. Give the two examples of vector borne disease.
3. Describe in brief concept of well-being
4. Give the full form of MMR, BCG.

**(B) Write short notes. (Any Two)**

**10**

1. Principles of Epidemiology.
2. Dietary fibers.
3. Aims and objectives of health education

**Q.3** Describe in brief agent factor, host factor and environmental factors of epidemiological triad. **14**

**OR**

**Answer the following.**

**14**

1. Describe in detail various dimension of health.
2. Write a note on indirect transmission.

**Q.4** How food is classified? Define & classify carbohydrates with suitable examples. **14**  
And give its biological importance

**OR**

**Answer the following.** **14**

1. Write a note on Vitamin A.
2. Universal immunization program

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