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**RAN-2103000206030038**

**B.Sc. (Sem.VI) Examination March - 2025**

**Bioscience (Microbiology)**

**GE: 086 Health Science**

**Time: 2 Hours ]**

**[ Total Marks: 50**

**સૂચના : / Instructions**

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
**Fill up strictly the details of signs on your answer book**

Name of the Examination:  
B.Sc. (Sem.VI)

Name of the Subject :  
Bioscience (Microbiology) GE: 086 Health Science

Subject Code No.: 2103000206030038

Seat No.:

Student's Signature

- (2) Figures to the right indicate full marks of the question.  
(3) Draw neat and labeled diagrams whenever necessary.

**Q.1 Multiple choices Questions. (MCQ)**

**08**

- Which of the followings is a bacterial disease?
  - Poliomyelitis
  - Pneumonia
  - Tetanus.
  - TB
- Which of the following vaccine is given to prevent Tuberculosis?
  - DPT
  - BCG
  - Polio
  - Rabies
- A person having a high BMI than normal is \_\_\_\_\_
  - Below weight
  - Overweight
  - Underweight
  - None
- Which of the following is a non communicable disease?
  - Cancer
  - Diabetes
  - CHD
  - All

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**[ 1 ]**

**[ P.T.O. ]**

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5. The prime source of water is
  - a. Ground water
  - b. Surface water
  - c. Rain
  - d. All
6. An example of air pollutant \_\_\_\_\_
  - a. Carbon monoxide
  - b. Carbon dioxide
  - c. Sulphur dioxide
  - d. All
7. Which of the following hazard is NOT associated with cold work?
  - a. Chilblains
  - b. Immersion foot
  - c. Frostbite
  - d. Burns
8. Which of the following is a type of respiratory dust?
  - a. Silica
  - b. Cotton dust
  - c. Asbestos
  - d. All

**Q.2. (A) Give Specific answers 04**

1. Name the causative agents of Amoebiasis.
2. Enlist the different types of Diabetes mellitus.
3. What includes in the term “solid wastes”?
4. Write two Occupational Diseases of psychological origin.

**(B) Write short notes on any two of the following 10**

1. Classification of Hypertension.
2. Hazards of air pollution.
3. Lung cancer

**Q.3. (a) Describe in brief etiology of cancer. 14**

- (b) Write a note on - Physical hazards.

**OR**

**Q.3. Write an essay on - AIDS. 14**

**Q.4. Attempt any two of the followings. 14**

1. Describe the Classification of Obesity
2. Explain in brief microbiological aspects of water quality & standard.
3. Write a note on - Pneumoconiosis