

[This question paper contains 2 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 5700

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Unique Paper Code : 3184002008

Name of the Paper : Diseases in Everyday Life

Name of the Course : **GE- Biomedical Science (NEP-UGCF)**

Semester : VI

Duration : 3 Hours

Maximum Marks : 90

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt **five** questions in all.
3. **All** questions carry equal marks.
4. Attempt subparts of a question together.

Q1. (a) Explain the following (**Any Four**) (2x4=8)

- (i) Pathogen
- (ii) Immunization
- (iii) Balanced diet
- (iv) Communicable disease
- (v) Anaemia

(b) Differentiate between the following (**Any Two**) (3x2=6)

- (i) Epidemic and Pandemic
- (ii) Deficiency disease and Infectious disease
- (iii) Viral infection and Bacterial infection

(c) State **True or False**. Justify your answer. (**Any Two**) (2x2=4)

- (i) Vitamin D deficiency may lead to weak bones.
- (ii) AIDS spreads through casual handshakes.
- (iii) Diabetes is always an infectious disease.

Q2. Explain the following (**Any Three**) (6x3=18)

- (a) Tuberculosis
- (b) Diabetes Mellitus
- (c) Scurvy
- (d) Hypertension

Q3. Write a short note on (**Any Three**) (6x3=18)

- (a) Malaria

P.T.O.

- (b) Obesity
- (c) Asthma
- (d) Sickle Cell Anaemia

Q4.

- (a) Discuss the importance of a balanced diet in maintaining good health. Explain diseases caused by deficiency of Iron and Vitamin D.
- (b) Describe different modes of transmission of infectious diseases with suitable examples.
- (c) Explain autoimmune disorders and genetic disorders with one example each.

(6,6,6)

Q5.

- (a) Define fomites and infectious dose. Also name any two autoimmune diseases.
- (b) Explain mosquito-borne vector diseases and discuss their diagnosis and preventive measures.
- (c) Describe cholera with reference to its causative agent, symptoms, mode of transmission, and prevention strategies.

(6,6,6)

Q6.

- (a) Discuss community-based strategies for prevention and control of dengue outbreaks. Why is consumption of contaminated water harmful to health?
- (b) Explain the role of awareness and educational programmes in preventing the spread of sexually transmitted diseases (STDs).
- (c) Describe the nutritional deficiencies responsible for Kwashiorkor, Beri-Beri, Scurvy, and Rickets.