

**U.G. 6th Semester Examination - 2020****ENVIRONMENTAL SCIENCE****Course Code : BENVDSHT6****Course Title : Environmental Health  
and Stress Physiology**

Full Marks : 40

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their  
own words as far as practicable.*1. Answer any **ten** questions of the following:

1×10=10

- What are communicable diseases?
- Mention two characteristics of a healthy person.
- What is endemic disease?
- What is antibody?
- Define malnutrition.
- Name two water borne diseases.
- What is auto immunity?
- What is host?

- What are contagious diseases?
- What is Atopic eczema?
- What is Allergy?
- Write down two symptoms of Dengue.
- Write down two causes of environmental stress.
- What is natality in biology?
- Write the full form of ICDS.

2. Answer any **five** questions of the following :

2×5=10

- What is plant stress?
- Define hypertension.
- What is social mobility?
- Why Kala azar is known as black fever?
- What is drug intolerance?
- What causes Polyphagia?
- Mention types of Hepatitis.
- What are B-cells?

3. Answer any **two** questions of the following :

5×2=10

- Briefly discuss the aims and objectives of epidemiology. 5

- b) How do plants cope up with cold and heat stress? Briefly discuss. 5
- c) What are the causes of health problems in India? Mention any two National Health Programmes of India. 5
- d) Define Photoinhibition. What is the function of photosystem-II? 2+3=5

4. Answer any **one** questions of the following :  
10×1=10

- a) Write down basic principle of immunology. Discuss different types of immunoglobulins. 3+7
  - b) What is demographic cycle? Discuss the purpose of demography. 4+6
  - c) Write down the symptoms of common air-borne diseases. Discuss the ways to prevent the spread of air-borne diseases. 4+6
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