

**B.Sc. 5<sup>th</sup> Semester (Honours) Examination, 2020 (CBCS)**

**Subject: Environmental Science**

**Paper: DSE 2**

**(Environmental Health & Stress Physiology)**

Time: 3 Hours

Full Marks: 60

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words*

1. Answer *any six* of the following:

5×6 = 30

- i) Draw and describe the concept of health spectrum.
- ii) Write down the aims of epidemiology.
- iii) Differentiate communicable and non-communicable diseases with examples.
- iv) Discuss shortly the different types of diabetes.
- v) Write a short note on autoimmunity.
- vi) Explain vector borne diseases.
- vii) Mention the role of health impact assessment.
- viii) Explain the effects of oxidative stress on plants.

2. Answer *any three* of the following:

10×3 = 30

- i) Discuss the factors affecting health.
- ii) Describe a flow chart in health impact assessment.
- iii) Write down the types of immunoglobulin molecules.
- iv) Explain the role of WHO in India.
- v) Discuss the primary health care practices in India.

**B.Sc. 5<sup>th</sup> Semester (Honours) Examination, 2020 (CBCS)**  
**Subject: Environmental Science**  
**Paper: DSE 2 (OR)**  
**(Social Environmental Issues)**

Time: 3 Hours

Full Marks: 60

*The figures in the margin indicate full marks.*  
*Candidates are required to give their answers in their own words*

1. Answer *any six* of the following: 5×6 = 30

- i) Briefly discuss the need of public awareness about environment.
- ii) Write a short note on “Deep ecology”.
- iii) What are the factors affecting population?
- iv) Discuss in brief the effects of ozone layer depletion.
- v) Mention the key ethical arguments to protect biodiversity.
- vi) Write down the significance of Green politics.
- vii) Elucidate the major causes and consequences of deforestation.
- viii) Write a brief note on wasteland reclamation.

2. Answer *any three* of the following: 10×3 = 30

- i) Write down the steps of urban planning for green city.
- ii) Discuss any two environmental movements in India.
- iii) Highlight the various elements that are essential for a successful participatory process of Resettlement and Rehabilitation.
- iv) Describe in details about Women and Child welfare programs in India.
- v) Illustrate the role of Information Technology on environment and human health.