

B.Sc. Semester-V Examination, 2022-23**ENVIRONMENTAL SCIENCE [Honours]**

Course ID : 51816 Course Code : SH/ENV/503/DSE-1

Course Title : Energy and Environment

Time : 1 Hour 15 Minutes

Full Marks : 25

*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 **five** of the following questions:

1×5=5

- What do you mean by Biofuel?
- Where the India's largest Nuclear Power Plant is situated?
- Write the full form of OPEC.
- Which gas is used mainly in Biogas Plant?
- Give two examples of Fossil fuel.
- Which semiconductor is used in Photovoltaic cell?
- What are Energy Resources?
- What do you mean by Hydroelectric power?

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

5×2=10

- Briefly discuss the classification of energy resources.
- What do you know about Kyoto Protocol?
- Write some advantages of non-conventional energy/resources.
- How energy can be conserved in transportation sector?

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

10×1=10

- What are the differences between Renewable and non-Renewable energy resources? Write about the Wind Energy. 6+4
- Discuss briefly about the impact of over-consumption of energy and current Global Energy Demand. 6+4
