

## U.G. 4th Semester Examination - 2020

**Environmental Science**

[HONOURS]

Course Code : ENVS-H-CC-L-09

(Natural Resource Management and Sustainability)

Full Marks : 40

Time : 2½ 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 **five** from the following:  $2 \times 5 = 10$
- What is natural resource accounting?
  - Classify resources on the basis of durability.
  - What is contour strip mining?
  - Mention major objectives of OPEC.
  - State the major causes of radioactive contamination.
  - What is the importance of Bunding and Terracing in soil conservation?
  - Mention the sources of geothermal energy.

2. Write short notes on any **two** of the following:  
 $5 \times 2 = 10$
- Recent trends on global resource development
  - Methods of soil conservation
  - Mineral oil as energy source: Merits and demerits
  - National Solar Mission
3. Answer any **two** questions of the following:  
 $10 \times 2 = 20$
- “The present pattern of distribution of the major forest types is not accidental but conditioned by a number of factors”- discuss the factors and comment on their relative significance.  
 $5 + 5 = 10$
  - What are the measures to assess the world food production? Comment on future trend of world food consumption. Mention prospects in increasing future food production.  $3 + 3 + 4 = 10$
  - What are the methods of ground water recharge in rural and urban areas?  $5 + 5 = 10$
  - Give an account of major international conventions on sustainable development mentioning their objectives and recommendations.  $10$