

B.Sc. 6th Semester (Honours) Examination, 2021

Environmental Science

Course ID: 61812

Course Code: SH/ENV/602/C-14

Course Title: Natural Resource Management & Sustainability

Time: 1 hr 15 Min.

FM-25

The figures in the right hand side margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable

1. Answer any five from the following questions: 1 x 5= 5

- a) Name one non-renewable energy source.
- b) What is Green revolution?
- c) Define phantom pile.
- d) What do you understand by sustainability?
- e) What is geothermal energy?
- f) Write one natural method for water conservation,
- g) What is the benefit of OTEC?
- h) What is strip mining?

2. Answer any two from the following questions: 5 x 2 =10)

- a) Write a short note on forest conservation.
- b) Discuss in short about different techniques to enhance food production.
- c) What is green technology? Write its applications. 1 + 4
- d) What is bio-diesel? Write down the process of making bio-diesel. 1 + 4

3. Answer any one from the following questions: 10 x 1=10

- a) Discuss in detail about the technology and potentiality of hydropower energy resource. Add a note on benefits of Hydropower development. 6 + 4
- b) Write short notes on (any two): 5 x 2
 - i. Integrated resource management strategies
 - ii. Future energy options and challenges
 - iii. Sustainable forestry
 - iv. Nuclear power