



DBW-003-0492001

Seat No. _____

**B. Sc. / M. Sc. (Applied Physics) (Sem. II)
(CBCS) Examination**

July - 2022

**Paper - V : Environmental Science
(New Course)**

Faculty Code : 003

Subject Code : 0492001

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Instructions :** (1) All questions are compulsory.
(2) Numbers in the right margin indicate marks.

1 Answer in short : (any seven) **14**

- (1) Write down types of biomasses.
- (2) Define abiotic and biotic parts of natural resources.
- (3) Define types of coal.
- (4) How many types of forest are there, define it ?
- (5) Give reasons of degradation of ecosystem.
- (6) Explain water cycle.
- (7) Define Environment.
- (8) Explain Renewable resources and Non renewable resources.
- (9) What is Global Warming ?
- (10) What is Deforestation and Afforestation ?

2 Write answers of following : (any two) **14**

- (1) What is geothermal energy ? How it is used to generate electricity ? What is the environmental concern associated with it ?
- (2) Explain structure of ecosystem with its biotic and abiotic components.
- (3) Explain in detail any three energy resources.

- 3** Write answers : (any two) **14**
- (1) Discuss the Role of individuals in Pollution Prevention.
 - (2) Write a short note on cause effect and control measures of Air pollution.
 - (3) What is noise pollution ? Effect of noise pollution physical and mental health.
- 4** Write answers : (any two) **14**
- (1) Explain importance of environment and their scope.
 - (2) How man utilizes the earth resources explain in detail.
 - (3) Give detailed explanation about forest resources.
- 5** Write answers : (any two) **14**
- (1) Explain importance and degradation of ozone layer.
 - (2) Discuss in detail Solid Waste Management.
 - (3) Write short note on Food chain.
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