

8. (a) Mention different sources of radioactive waste.

(7)

(b) What are the major problems associated with the disposal and storage of radioactive waste?

(8)

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 4786A E

Unique Paper Code : 32181602

Name of the Paper : Natural Resources:
Management & Sustainability

Name of the Course : B.Sc. (H) Environmental
Science – Core

Semester : VI

Duration : 3 Hours

Maximum Marks : 75

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt any **five** questions.
3. **All** questions carry equal marks.

1. (a) Write definition of the following : (2×5=10)

(i) Deforestation

(ii) Energy crisis

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- (iii) Fossil fuel
- (iv) Carrying capacity
- (v) Greenhouse gases

(b) Fill in the blanks : (1×5=5)

- (i) Chipko movement originated in _____ district of Uttarakhand.
- (ii) Fossil fuels are extracted by a technique known as _____ .
- (iii) _____ Hydro Power Plant is situated in the region of high seismicity.
- (iv) India State of Forest Report (ISFR) is a biennial publication of _____ .
- (v) _____ is the principal ore of aluminum.

2. Write explanatory notes on the following : (5×3=15)

- (i) Ecological footprint
- (ii) Paris Agreement
- (iii) Social forestry

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3. Write down the difference between the following :
(5×3=15)

- (i) Thermal power and Nuclear power
- (ii) Metallic minerals and Non-metallic minerals
- (iii) Metamorphic rocks and Sedimentary rocks

4. What is the importance of resource management? Describe the ecological, economic, and ethnological approach of resource management. (15)

5. (a) What do you mean by sustainable development goals (SDG)? Mention any five SDGs. (6)

(b) Discuss initiatives taken by the Government of India to achieve SDG “Affordable and clean energy”. (9)

7. What do you understand by green technology? Discuss with suitable examples. Describe the advantages and disadvantages associated with green technology. (15)

P.T.O.