

REV-01
MEV/97/55/60

M.Sc. ENVIRONMENTAL SCIENCE
FIRST SEMESTER
NATURAL RESOURCE MANAGEMENT
MEV - 104 IDm
(USE OMR FOR OBJECTIVE PART)

2023/22

**SET
A**

Duration: 1:30 Hrs.

Full Marks: 35

(Objective)

Time: 15 min.

Marks: 10

Choose the correct answer from the following:

1X10=10

- Per capita use of water is the highest in
 - USA
 - India
 - Kuwait
 - Indonesia
- Minimum time needed for formation of one inch of top soil is
 - 10 years
 - 50 years
 - 100 years
 - 200 years
- Which of the following is/are NOT responsible for desertification?
 - Overgrazing
 - Mining
 - Afforestation
 - None of above
- Out of total water, fresh water is
 - 30%
 - 10%
 - 2.5%
 - 1%
- Maximum population that can be supported by any system on a sustainable basis is called
 - Sustainable development
 - Carrying capacity
 - Optimum population
 - None of above
- Minerals that are used for country's commercial and service purpose, are known as
 - Commercial minerals
 - Strategic minerals
 - Critical minerals
 - None of the above
- Aluminium is found in
 - Australia
 - Guinea
 - Jamaica
 - All the above
- In India, Uranium is found in
 - Meghalaya
 - Jharkhand
 - Rajasthan
 - All the above
- _____ is found within the rocks
 - Coal
 - Petroleum oil
 - Natural gas
 - All the above

10. Which of the following is most energy efficient type of coal?
- a. Peat
 - b. Lignite
 - c. Anthracite
 - d. Bituminous

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(Descriptive)

Time: 1hr 15mins.

Marks: 25

[Answer question No.1 & any two (2) from the rest]

1. Write about different types of natural resources. 5
2. Discuss causes and consequences of deforestation. 5+5=10
3. Write short note on (*any two*) 5+5 = 10
 - a. Water availability on earth
 - b. Environmental issues related to food resources
 - c. Major minerals of India
 - d. Types of fossil fuel energy resources
4. Critically discuss the non-conventional types of energy resources and their advantage. 10
5. What is mining? What are different types of mining? Write about the environmental impact of mining with suitable example. 2+3+5 =10

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