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3 (Sem-6/CBCS) GGY HE 4

2024

**GEOGRAPHY**

(Honours Elective)

Paper : GGY-HE-6046

**(Geography of Resources and Development)**

Full Marks : 60

Time : Three hours

**The figures in the margin indicate full marks for the questions.**

1. Answer the following questions by choosing the most appropriate option given against each question :  $1 \times 7 = 7$

(a) What is the primary focus of geography regarding resources ?

(i) Conservation

(ii) Utilization

(iii) Exploration

(iv) Extraction

Contd.

(b) Sustainable development aims to balance

(i) economic growth and environmental conservation

(ii) urbanization and rural development

(iii) industrialization and globalization

(iv) agricultural production and resource extraction

(c) What does the United Nations Framework of Classification for Resources (UNFC) provide ?

(i) Standards for sustainable development

(ii) Guidelines for resource extraction

(iii) Classification system for energy and mineral resources

(iv) Policies for environmental protection

(d) What is the primary objective of green technology ?

(i) Increase resource depletion

(ii) Foster sustainable development

(iii) Increase pollution

(iv) Promote resource management

(e) In the context of resources, what does OPEC stand for ?

(i) Organization of Petroleum Exporting Countries

(ii) Oil Production and Export Committee

(iii) Organization for Petroleum Energy Conservation

(iv) Overseas Oil Pricing and Export Council

(f) Which country is known for its successful water management system through techniques like drip irrigation ?

(i) United States of America

(ii) Israel

(iii) Japan

(iv) China

(g) If a country focuses on developing its industrial sector while neglecting agriculture, what kind of development strategy is it following ?

(i) Agriculture-oriented development

(ii) Dual sector model

(iii) Primary sector emphasis

(iv) Industrialization bias

2. Answer the following questions in very short :

2×4=8

(a) Classify resources based on three criteria.

(b) Give an example of an important water resource challenge.

(c) Mention *any two* sustainable development goals.

(d) How does green technology contribute to resource sustainability ?

3. Write short answers to **any three** of the following questions :  $5 \times 3 = 15$

(a) What is the relationship between resource base and development ?

(b) How does geospatial technology contribute to sustainable natural resource management ? Illustrate your answer with a suitable example.

$3 + 2 = 5$

(c) Compare and contrast resource management practices between developed and developing countries. Give examples in this respect.  $3 + 2 = 5$

(d) Evaluate the concept of equity in resource use and its importance in sustainable development.  $2 + 3 = 5$

(e) What is the role of water resources in the development of areas in different parts of the world ?

4. Answer **any three** of the following questions :  $10 \times 3 = 30$

(a) Explain the intricate relationship between resource availability and development. Assess how disparities in resource utilization impact global economic dynamics.  $5+5=10$

(b) Discuss the role of technological advancements, including geospatial technology and green technology, in enhancing resource management practices. Give examples.  $5+5=10$

(c) Critically analyze the United Nations Framework of Classification for Resources (UNFC) as a standardized system for classifying energy and mineral resources. Discuss the challenges of implementing UNFC.  $7+3=10$

(d) Examine the socio-economic factors influencing resource distribution and access in urban and rural areas. Assess the impact of unequal resource allocation on community livelihoods.  $6+4=10$

- (e) Compare and contrast the resource management practices of USA and Israel.
- (f) Assess the role of natural resource conservation and integrated environmental management in achieving sustainable development goals. Discuss the challenges and opportunities associated with it.

6+4=10