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differ from conventional energy sources? Describe the major barriers hindering the widespread adoption of alternative energy sources? 4+6=10

**Internal Assessment 10**

### **Unit III: Global Political Conflicts and Resources**

5. Explain 'Tragedy of Commons' in the light of resource utilisation. "The wars of the future will be fought over water not oil." Justify. 4+6
6. State the role of OPEC in international market. Discuss about global politics of oil and resultant power asymmetries with suitable examples. 4+6

### **Unit IV: Geopolitics and Sustainable Development**

7. Distinguish between capitalist and socialist models regarding common property resource (CPR) management. Critically analyse the nuances of open access, communal ownership and state property while dealing with CPR management. 5+5
8. Comment on sustainability in the age of geopolitics. Give an account of the actions taken and planned by FAO to transform the world through agriculture development and food availability. 4+6

Ex/SC/GEOG/PG/CORE/TH/10/2023

## **M. SC. GEOGRAPHY EXAMINATION, 2023**

( 1st Year, 2nd Semester )

**GLOBAL RESOURCE CRISIS AND GEOPOLITICAL ISSUES**

**PAPER:EX/SC/ GEOG/PG/CORE/TH/10**

**PAPER: GEOG-C110T**

Time : Two Hours

Full Marks : 50

### **Unit I: Global Resource Depletion**

1. What does the Ecological Footprint measure? Why has the total biocapacity (gha) increased over time? Mention some effective ways to reduce material consumption in everyday life while maintaining livability? 2+3+5=10
2. Mention the role of overconsumption on Ecological Credit Crunch? How does the ecological credit crunch affect biodiversity? What are the potential long-term consequences if we do not address the ecological credit crunch? 3+2+5=10

### **Unit II: Global Energy Use and Crisis**

3. What are the key factors contributing to the recent global energy crisis? Discuss the economic consequences of the global energy crisis on developing countries. 5+5=10
4. What are alternative energy sources, and how do they

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