

**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU - 27**

**B.Sc. (Environmental Science) – IV SEMESTER**

**SEMESTER EXAMINATION: APRIL 2023**

**(Examination conducted in May 2023)**

**ES 422 NATURAL RESOURCES AND MANAGEMENT**

**Time: 2 Hours Max Marks: 60**

**This paper contains one printed page and three parts**

**PART-A**

**Answer any six of the following 6X2 = 12**

1. Differentiate exhaustible and inexhaustible resources.
2. What is Jevon’s paradox?
3. Mention the types of forest fires.
4. What is Coastal Regulatory Zone?
5. Differentiate between Kharif crops and Rabi crops.
6. What are Sacred Groves?
7. What is M15 Petrol?
8. Differentiate between opencast and underground mining.

**PART – B**

**Write explanatory notes on any four of the following 4X7 = 28**

1. Watershed Management
2. Aswan Dam
3. Causes of Ground contamination
4. Chipko and Appiko Movements
5. Solar Energy
6. Polymetallic nodules

**PART – C**

**Answer all questions 2X10 = 20**

1. Discuss the impact of dams on environment.

**OR**

Discuss the various control measures of soil erosion adopted in India.

1. Give an account of minor forest products.

**OR**

Discuss the impact of mining on environment.