

## **CLASS TEST 5**

**SUBJECT: SOCIAL SCIENCE (CIVICS)**

**CLASS: VIII**

**MAX MARKS: 8**

**Q1.** Solar energy and river water are renewable resources. However, scientists caution that these resources can get depleted. Identify the main condition required for a resource to remain renewable:

- (a) Humans must completely stop harvesting timber from natural forests to avoid resource degradation.
- (b) The natural rhythm of restoration and regeneration in Nature must not be disturbed.
- (c) Industrial expansion must rely solely on underground coal reserves to meet energy needs.
- (d) Communities must discharge untreated industrial waste into rivers during rainy monsoon months.

**Q2.** During a classroom presentation on sustainable resource management, a student highlights traditional fishing practices during spawning seasons. State the primary reason this practice was followed by local communities:

- (a) Allowing fish populations enough time to naturally reproduce and maintain ecological balances in rivers.
- (b) Increasing daily commercial profits for local market traders during high seasonal market demands.
- (c) Preventing commercial boat operators from navigating deep river waters during heavy seasonal rains.
- (d) Ensuring industrial factories receive uninterrupted supplies of processed marine products every year.

### **Q3. Assertion & Reason Question (1 Mark)**

**Assertion (A):** India's coal reserves are classified as non-renewable resources that must be used judiciously.

**Reason (R):** Coal reserves are created over millions of years and cannot be replenished at the rate humans consume them.

**Choose the correct option:**

- (a) Both (A) and (R) are true, and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are true, but (R) is NOT the correct explanation of (A).
- (c) (A) is true, but (R) is false.
- (d) (A) is false, but (R) is true.

**Q4. Assertion & Reason Question (1 Mark)**

**Assertion (A):** Glaciers in parts of the Himalayas are melting at a faster rate than seasonal precipitation can replace them.

**Reason (R):** A mature forest tree produces approximately 275 litres of oxygen per day to support surrounding living organisms.

**Choose the correct option:**

- (a) Both (A) and (R) are true, and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are true, but (R) is NOT the correct explanation of (A).
- (c) (A) is true, but (R) is false.
- (d) (A) is false, but (R) is true.

**Q5. Scientists observe that a local glacier feeding a river is melting faster than snowfall can replenish it. Identify the main cause of this disturbance to Nature's cycle:**

- (a) Clearing native forests and burning fossil fuels for fast industrial expansion.
- (b) Following traditional seasonal fishing rules and planting indigenous tree species.
- (c) Harvesting limited forest timber while preserving overall natural vegetation cover.
- (d) Practicing traditional water-offering rituals during seasonal community festivals.

**Q6. Very Short Answer Question (1 Mark)**

Differentiate between **ecosystem functions** and **ecosystem services** using 3 examples.

**ANSWER KEY & MARKING SCHEME**

**Q1: (b)**

**Q2: (a)**

**Q3: (a)**

**Q4: (b)**

**Q4: (a)**