

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 (3 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)