



ST. JOSEPH'S COLLEGE, PRAYAGRAJ

FIRST UNIT TEST 2025-26

GEOGRAPHY

CLASS – X

TIME: 1 Hour

MM: 30

Q 1) On the outline map of India provided:

[5]

1. Mark and label River Ravi
2. Mark and label River Brahmaputra
3. Mark and label River Kaveri
4. Mark and label River Tapti
5. Mark and label River Chambal

Q 2) Multiple choice questions:

[5]

1. Laterite soil is mainly found in the highland areas of -----
 - a. The Himalayas
 - b. The peninsular Plateau
 - c. The Aravalli Ranges
 - d. The Karakoram Range
2. Which of the following statement is false with regard to soil erosion?
 - a. Soil erosion by wind occurs when soil devoid of vegetation is exposed to high velocity of wind.
 - b. Soils are washed away by running water down the slope.
 - c. The trees are planted along the edges of the fields which causes soil erosion.
 - d. Cutting of trees exposes the soil to water and wind which leads to soil erosion.
3. Which of the following feature is false with respect to the vegetation depicted below:



- a. Pneumatophores
 - b. Stilt roots visible during low tides.
 - c. Stilted roots to support the tree in soft and shifting mud.
 - d. Climbers that have been adapted to absorb oxygen directly from the atmosphere.
4. The following question consists of two statements – Assertion (A) and Reason (R)

Answer the questions selecting the appropriate options below:

Assertion (A): Laterite soils are rich in Alumina and iron oxide, but are infertile.

Reason (R): Soluble plant food like potash are leached into the soil.

- a. Both A and R are true and R is the correct explanation of A.
- b. Both A and R are true but R does not explain A.
- c. A is true but R is false.



- d. A is false but R is True.
- 5. These forests are found on the windward slopes of the Western Ghats.
 - a. Tropical Deciduous
 - b. Tropical Evergreen
 - c. Tropical Desert
 - d. Littoral

Q 3)

- 1. Define soil erosion. Write any two causes of soil erosion in India. [2]
- 2. Mention two similarities between Red soil and Laterite soil. [2]
- 3. Give geographical reason for the following: [3]
 - a. Black soil is also known as lava soil.
 - b. Wind is the common agent of erosion in arid regions.
 - c. The colour of alluvium varies in different areas.
- 4. With reference to alluvial soil answer the following: [3]
 - a. How are the alluvial soils formed?
 - b. Give one chemical property of this soil.
 - c. Mention any two advantages of alluvial soil.

Q 4)

- 1. Mention one area where Desert forests are found? Give one reason why they are found there. [2]
- 2. State any two characteristics features of Tropical deciduous forests. [2]
- 3. With reference to tidal forests answer the following: [3]
 - a. Mention two conditions required for the growth of Littoral forests.
 - b. Why do the littoral forests have pneumatophores or breathing roots?
 - c. Name two trees which grow in these forests.
- 4. Analyse the impact of forest fires and shifting cultivation on India's natural vegetation. Suggests sustainable alternatives. [3]