

- b. Give two advantages that non-conventional energy sources have over conventional energy sources. (2)
- c. i. Name four types of iron ore. (2+1)  
 ii. Mention two iron ore producing districts of Chhattisgarh.
- d. i. What is Geothermal Energy? (3)  
 ii. Name any two raw materials used to produce nuclear energy.  
 iii. Which multi-purpose project provides power to both Punjab and Himachal Pradesh?
- Q7. a. Mention two characteristics of a mini steel plant (2)  
 b. Mention two problems of the Cotton Textile industry in India. (2)  
 c. i. Mention two varieties of non-mullberry silk produced in India. (3)  
 ii. Name the iron and steel plant set up with German collaboration  
 iii. Why is humid climate important for the growth of Cotton Textile industry?  
 d. i. Explain why sugarcane must be crushed within 24 hours of harvesting. (3)  
 ii. Name one petrochemical unit with its centre.  
 iii. What advantage does the Vishakhapatnam Steel Plant have over the other steel plants in the public sector?
- Q8. a. i. Define the term Density of Roads. (2)  
 ii. Name the first expressway of India.  
 b. Give two reasons why waterways have remained underdeveloped in Southern India. (2)  
 c. Mention any three problems being faced by the Indian Railway. (3)  
 d. Give three reasons as to why airways are becoming a popular means of transport in modern India. (3)

## Quarterly Examination - 2018-19

### GEOGRAPHY

**Class : X**

**Time : 2 Hrs. 15 mints**

**Full Marks : 80**

#### PART I (30 Marks)

Attempt all questions from this part

- Q1. Study the extract of the survey of India map sheet not 45D/7 and answer the following questions :
- a. Give the six figure grid reference for : (2)  
 i. Survey tree 181 east of Juvol settlement  
 ii. Spot height 381 in the eastern part of the map extract
- b. What do you understand by? (2)  
 i. 10r in the grid square 9773 and  
 ii. 220 in grid square 9574
- c. Name the most prominent settlement. Give two reasons to support your answers. (2)
- d. Calculate the area enclosed by Eastings 92 to 95 and Northings 75 to 76. (2)
- e. How is the drainage pattern in grid 9876 different from 9577? (2)
- f. i. Identify two natural features in grid 9578  
 ii. What do you understand by the term Dep in grid 9479? (2)
- g. Mention any two factors which provide evidence that the region in the map extract is a rural region. (2)
- h. Define scale. What is the statement scale of the map extract. (2)
- i. Name the feature depicted by : (2)  
 i. Red broken line in 0078  
 ii. Blue line in Banas River

- j. Give two probable reasons to indicate that the region depicted on the map extract receives seasonal rainfall. (2)

Q2. On the outline map of India : (10)

- a. Mark and name the Nilgiris
- b. Mark and name Lake Chilka
- c. Mark and name Nathu La Pass
- d. Mark with a dot and name Vishakhapatnam.
- e. Mark and name river Gomti and river Beas
- f. Shade and name Malabar coast
- g. Shade and name Malwa plateau
- h. Mark and name  $82\frac{1}{2}^{\circ}\text{E}$
- i. Mark and name Satpura range
- j. Mark and name Ganga plains

PART II (50 Marks)

Attempt any five questions from this part

- Q3. a. Explain the formation of Laterite soil. Mention one advantage of this soil. (2)
- b. Name the type of soil which is : (1)
- i. Useful for the cultivation of jute.
  - ii. Formed by decomposition of metamorphic rocks.
- c. Give reasons for : (3)
- i. Soil erosion by wind is common in arid region.
  - ii. Khaddar soils are more fertile than Bhangar soils
  - ii. Black soil is largely found in the Deccan Trap region.
- d. What is soil conservation? State two methods of soil conservation. (2)
- e. Mention two minerals associated with red soil. Name two crops widely grown on this soil. (2)

- Q4 a. To which type of forest do the following trees belong : (2)
- i. Deodar and Chir Pine
  - ii. Amur and Hintal
- b. i. Name a region in India where thorn and scrub forest is found. (1)
- ii. Give two ways by which the trees that are found here have adapted to the climate. (1)
- c. How do forests (2)
- i. act as a flood control measure?
  - ii. help in increasing the soil fertility.
- d. Distinguish between tropical evergreen forests and tropical deciduous forests. (2)
- e. i. What is Joint Forest Management?> (2)
- ii. Name the natural vegetation largely found in the western slopes of the Western Ghats.
- Q5. a. State two disadvantages of tank irrigation. (2)
- b. Give one geographical reason for each of the following statements : (2)
- i. Hard rock structure of Deccan Plateau favours to build tanks for irrigation.
  - ii. The barren deserts of Rajasthan transformed into rich and lush fields.
- c. Name two modern methods of irrigation. State one important reason for their growing popularity. (2)
- d. i. What is rainwater harvesting? (2)
- ii. Mention two objectives of rainwater harvesting.
- c. Give two reasons for conservation of water resources. (2)
- Q6. a. Name the mineral used in the manufacture of : (2)
- i. Aluminium
  - ii. Power cables
  - iii. Coke
  - iv. Plastics

# Map of India

