

**Geography Question Paper
2007**

General Instructions

1. Attempt seven questions in all.
2. Part I is compulsory. All questions from Part I are to be attempted.
3. A total of five questions are to be attempted from Part II: three questions from Section 1 and two questions from Section 2.
4. The intended marks for questions or parts of questions are given in brackets.

Question 1

Study the extract of the Survey of India Map sheet No. 45D/7 and answer the following questions:-

(a) Give the six figure grid reference of :-

i. 364

ii. The temple at Rampura. [2]

(b) Mention any two features seen in the map extract which show that the region has seasonal rainfall. [2]

(c) Calculate the distance in kilometers along the cart - track linking Juvol (923826) and Arniwada (944817). [2]

(d) Which is the chief form of irrigation shown in the map extract? Give an evidence to justify your answer. [2]

(e) Give one reason to explain why the streams in grid square 9478 do not join a river. Identify another grid square in the map extract that has similar streams. [2]

(f) What do the following represent:-

i. Black broken lines in 9575.

ii. Black curved lines in 9879. [2]

(g) Identify two landforms shown by the contours in grid square 9876. [2]

(h)

(i) What is the general direction of the Balaram Nadi?

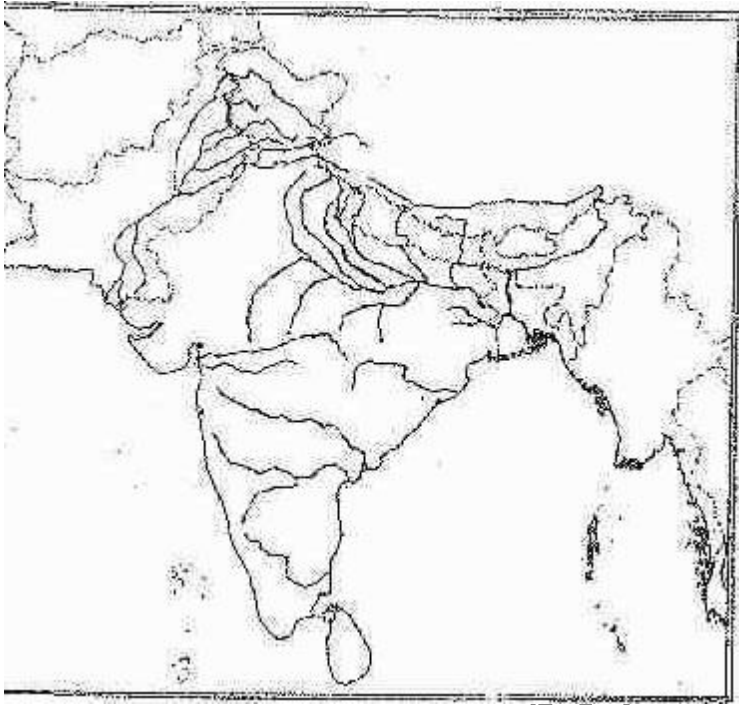
(ii) Which bank of the main river does the Balaram Nadi join? [2]

(i) What is the main occupation of the people living in the area shown in the map extract? Give one reason to support your answer. [2]

(j) What is meant by scale of a map? What is the scale of the map extract provided to you? [2]

Question 2

On the outline map provided:-



- (a) Shade and label the country Nepal. [1]
- (b) Shade and label an area of black soil in India. [1]
- (c) Mark and label the Konkan Coast. [1]
- (d) Shade and label one region of winter rainfall in India. [1]
- (e) Shade and label the Sulaiman Ranges. [1]
- (f) Label the River Yamuna. [1]
- (g) Mark and name the port city of Bangladesh. [1]
- (h) Label the River Tapti. [1]
- (i) Shade and label the Vindhya Ranges. [1]
- (j) Mark and name the capital of Bhutan. [1]

Question 3

- (a) Name the source of the river Ganga. Where does this river enter the plains? [2]
- (b) What is a Delta? Name two deltas in South Asia. [2]
- (c) State three reasons for the importance of the Peninsular Plateau. [3]
- (d) State three reasons why Myanmar and Afghanistan can be considered extensions of South Asia. [3]

Question 4

- (a) Name the countries that have a land border with Bangladesh. [2]
- (b) State two ways in which the rivers of Pakistan are useful to the people of the country. [2]
- (c) Mention three differences between the Western Himalayas and Eastern Himalayas. [3]
- (d) Define the following:-
 - i. Archipelago
 - ii. Lagoon
 - iii. A land - locked country. [3]

Question 5

- (a) Explain two factors that influence the climate of South Asia. [2]
- (b) Which type of climate is experienced in the Northern Plains of India? State one main characteristic of this type of climate. [2]
- (c) Give a reason for each of the following:-
- Most of Sri Lanka has the Equatorial type of climate.
 - Parts of Nepal experience the Arctic type of climate.
 - Western coastal plains receive more rainfall than the Eastern coastal plains. [3]
- (d) Given below is the climatic data of a station. Study the table and answer the questions that follow:-
- | | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Month | J | F | M | A | M | J | J | A | S | O | N | D |
| Temperature in Degree C. | 13.7 | 16.6 | 21.6 | 25.5 | 33.2 | 33.5 | 30.8 | 29.8 | 29.2 | 25.5 | 19.6 | 15.2 |
| Rainfall in cms. | 2.5 | 2.0 | 1.5 | 0.9 | 1.5 | 7.5 | 17.8 | 18.5 | 12.5 | 1.0 | 0.2 | 1.5 |
- Calculate the annual range of temperature.
 - What is the total rainfall experienced by the station?
 - Which is the driest month?

Question 6

- (a) Mention two important characteristics of laterite soil. [2]
- (b) Name an area of black soil in India. Mention two crops grown in this soil. [2]
- (c) How is alluvial soil formed? Why is this soil agriculturally important? [3]
- (d) Name two important agents of erosion. For each, state one method of controlling the erosion caused. [3]

Question 7

- (a)
- Name the different types of iron ore found in India.
 - Mention one place in Nepal where iron ore is found. [2]
- (b) Name an important coal producing State in India and a coal - mine located in that State. [2]
- (c) Name two regions in Pakistan where petroleum is found. Which is the largest petroleum producing country in South Asia? [3]
- (d) Name an area of limestone in Sri Lanka. Mention two uses of limestone. [3]

SECTION - 2

Attempt any two questions from this Section.

Question 8

- (a) Mention two differences between subsistence agriculture and commercial agriculture. [2]
- (b) State two geographical requirements for the growth of rubber. [2]
- (c) In which season is wheat grown in northern India? What are the rainfall and soil requirements of this crop? [3]
- (d) Explain why:-
- Pulses are grown as rotation crops.
 - Millets are referred to as dry crops.
 - Tea plantations are found on hill slopes. [3]

Question 9

- (a) Mention two steps taken by India and Bangladesh to solve the water sharing issues. [2]
- (b) How do windmills generate electric power? [2]

(c) Name two main minerals required for generating nuclear energy. Mention the nuclear power stations located in the States of Maharashtra and Tamil Nadu. [3]

(d) (i) Mention two factors that favour the production of Hydel Power in the region around the Western Ghats.

(ii) State one advantage of electricity over coal. [3]

Question 10

(a) State two reasons for the concentration of the sugar industry in Uttar Pradesh. [2]

(b) Mention two ways in which the agro - based industries have affected the economy of India. [2]

(c)

(i) Which is the largest jute producing State in India? Name two centers of jute industry in that State.

(ii) Name two jute products. [3]

(d) State three main problems faced by the cotton textile industry in India. [3]

Question 11

(a) Mention two reasons for the concentration of steel plants in the Chota – Nagpur Plateau region. [2]

(b) Name four petrochemical products. [2]

(c) What is the importance of the Heavy Engineering industry for the industrial development of India? Name two Heavy Engineering industrial units in India. [3]

(d) (i) What are integrated steel plants?

(ii) Name one integrated steel plant in the Public Sector. From where does this plant get its requirement of iron ore and coal?