

GEOGRAPHY

Attempt **seven** questions in all. **Part I is compulsory.** A total of five questions are to be attempted from Part II i.e. three out of six from Section I and two out of four from Section 2. Map work must be done using appropriate colours as given in the question paper. If the colour is not mentioned, use the appropriate colour. Written work on the map (naming) must be done with a pen, using capital letters only. Use straight arrows to indicate map markings. Crossing over in map marking is marked wrong.

PART - I (30 MARKS)

Section I

Question -1

- a) What is subsistence farming? Give two reasons why South Asian countries practice this type of farming. 2
- b) What are the two differences between the advancing south-west monsoon and the retreating south-west monsoon? 2
- c) How is red soil formed? Why is it red in colour? 2
- d) What is SAFTA? What is the main purpose behind its formation? 2
- e) List any two differences between Bituminous and Peat (coal). 2
- f) What are auxillary industries? Give an example. 2
- g) What is 'Humid farming'? Name any two crops grown under this type of farming. 2

Section - 2

(Survey map of 1999 - 45 D/7 Eastings 90 -00 Northings 77-87)

Question - 2

- a) What is the six figure grid of -
i) Δ 268? ii. surveyed tree 172? 1
- b) What is the average elevation of the four figure grid 9481? Give a reason for your answer. 1
- c) In which direction does Balram Nadi flow in the surveyed region? On which bank does it join the main river? 1
- d) What type of drainage is prominently shown in 9784 and in 9782 respectively? 1
- e) How is a depression formed? Why aren't there any depressions in the northern half? 2
- f) What is a 'water-shed'? Give an example of a four figure grid to the south of northing 82, that has a watershed. 2
- g) Broken ground is formed by 'alternating wet and dry conditions'. Explain. 2
- h) Apart from the presence of an arid region in the south, give two reasons to say why the region experiences seasonal rainfall. 2
- i) What is the actual area that lies to the south of northing 81 and to the east of easting 96? Show your working. 2
- j) What is the actual length of the pack track between Chekhla and Khara in Kms? Show your working. 2

PART -II - SECTION- 1

Question -3

- a) List any four factors that influence the distribution of population in South Asia. 2
- b) Study the chart and answer the questions.

MONTHS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMP.(°C)	-10.1	-8.4	-5.4	3.3	10.7	15.7	18.9	15.2	9.1	4.4	-3.1	-8.4
RAIN(cm)	0	.8	1	3	4.2	5.1	7.4	7.3	6.5	3.4	0	0

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Geography

- a) What is the annual range of temperature? 1
- b) What is the annual rainfall? 1
- c) In which hemisphere is the place located? 1
- d) What is the annual mean temperature? 2
- e) During which season are 'Mango showers' experienced? Apart from mango, name the two other crops that benefit by this crop. 3

Question - 4

- a) Give two reasons why Thar desert does not receive any rainfall. 2
- b) What is a 'delta'? Why aren't there any notable deltas on the western coast of India? 2
- c) Give three reasons why the Indus is called 'the Nile' of Pakistan. 3
- d) List any three differences between the monsoon winds and land and sea breezes. 3

Question - 5.

- a) Give two reasons why Maldives experience more equable (hot and humid) climate throughout the year. 2
- b) Which physical division of Bangladesh is called 'many mouths of the Ganga'. Why? 2
- c) List any three differences between the Western Ghats and the Eastern Ghats of India. 3
- d) What are the three physical divisions of Pakistan? In which physical division is Central Makran range found? Which natural resources are largely found here? 3

Question - 6

- a) Why is there less deposit of alluvial soil in the eastern coastal plains in comparison with the northern plains? Why is it black in colour? 2
- b) Which physical division of Pakistan has the highest annual range of temperature? Why? 2
- c) List any three differences between the Western coastal plains and the Eastern coastal plains. 3
- d) Which physical division of Nepal is called the 'Middle or lesser Himalayas'? What is its average elevation? What is the political significance of this region? 3

Question - 7.

- a. List any four factors affecting soil formation. 2
- b. What is soil pedogenesis? What is 'Loamy soil'? 2
- c. Distinguish between Khadar and Bhangar soil (3 differences) 3
- d. Give three reasons to prove that afforestation reduces soil erosion. 3

Question - 8

Mark and label the following on the outline map of South Asia provided to you.

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1. The youngest country of South Asia (orange)
2. The mineral rich plateau.
3. The rift valley river.
4. Chittagong hills.
5. The most important fishing ground on the eastern coast of India.
6. 90 degrees East longitude. (black pen)
7. Region of laterite soil in the Indian peninsula. (red)
8. A city named after a peninsula in the region. (black)

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SECTION - 2

Question - 9.

- a. What is the other name for 'Slash and burn method of agriculture'? Why is it banned? 2
- b. Give two reasons why the transplantation method is the best method of rice cultivation. 2
- c. List any three points of importance of agriculture to the Indian economy. 3
- d. What are the two methods of sugarcane cultivation? In terms of investment, which method is better? Why? 3

Question - 10.

- a. Give two reasons why Jharia coal mines are called the 'store-house of Indian coal'. 2
- b. What is ONGC? Name one private sector and one public sector oil refinery of India. 2
- c. List two advantages of thermal power. Which river is associated with Pappasham project? 3
- d. What are the three disadvantages of producing electricity using tidal energy? 3

Question - 11.

- a. When was Mysore Iron and Steel Company set up? From where does it procure power and water supply? 2
- b. Which is the leading center of the Indian woollen industry? Give two main reasons why India has not made much progress in this industry. 2
- c. Give any three reasons why India needs to achieve rapid industrialization. 3
- d. Why is there greater encouragement to set up mini steel plants in the country? 3

Question - 12.

- a. What do the following abbreviations stand for? Where are they located?
 - i BEL
 - ii NRSA. 2
- b. What are 'Petrochemicals'? How do they give a boost to our economic development? 2
- c. What are the three special requirements of the ship building industry? 3
- d. What is 'Heavy Engineering Industry'? Name two main areas associated with heavy engineering industries. 3

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