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Index No:

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Supervising Examiner's/Invigilator's initial:

History, Civics & Geography
Paper II (Geography)

Writing Time: 2 Hours
Total Marks : 80

READ THE FOLLOWING DIRECTIONS CAREFULLY:

1. Do **not** write for the first **fifteen minutes**. This time is to be spent reading the questions. After having read the questions, you will be given **two hours** to answer all questions.
2. Write your **index number** in the space provided on the **top right hand corner of this cover page only**. The **first five digits** have already been printed for you.
3. Attempt **Nine** questions. Section A and D are **compulsory**. Attempt 2 questions from Section B and 3 questions from section C.
4. The intended marks for questions or parts of questions, are given in brackets ().
5. Read the directions to each question carefully and write **all** your answers in the space provided in the **question booklet** itself.
6. Remember to write **quickly** but **neatly**.
7. **Do not** remove or tear off any pages from the booklet.
8. **Do not** draw lines or pictures on or **in** the booklet to beautify it.
9. **Do not** leave the examination hall before you have **made sure** that you have answered nine questions in all according to the direction given above.

For Chief Marker's and Markers' Use only

Section	A	B				C					D					Total	
Question Number	1	2	3	4	5	6	7	8	9	10	11	12					Chief Marker's Signature
Award																	↓
Markers' Initial →																	

SECTION A
Compulsory: To be attempted by all candidates.

Question 1

Study the extract of the survey of Bhutan Map No. 78 E/11 and answer the following questions:

- a. Define the 'Statement scale'. [1]

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- b. Find out the highest and the lowest spot height given in the map. [1]

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- c. Choose the correct answer from the alternatives provided below:
- i. The compass direction of Yangchenphug from Rama is [1]
- A North – West.
- B North -- South.
- C North – East.
- D South – West.

Answer:.....

- ii. The drainage pattern formed in the grid square 8040 is [1]
- A Radial pattern.
- B Trellised pattern.
- C Dendritic pattern.
- D disappearing pattern

Answer:.....

- d. Explain the conventional symbol of which the six figure grid reference is provided below:
i. 809802

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- e. Calculate in km the direct distance between the lhakhang in Talakha Gonpa and the Lhakhang in Thadranang Goenpa [2]

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- f. Show the flow direction of Dingtsholungpa Rongchu. Justify your answer with **ONE** reason.

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- g. Differentiate between the pattern of settlement found in grid square 6010 and the settlement in 5080. [2]

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- h. Categorize the different land use pattern in grid square 6040 of the map. [1]

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- i. Interpret the following abbreviations: [1]
- a. Hosp
- b. TR

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- j. What is the mode of transport between Simtokha Dzong and Talakha Goenpa?

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- k. Describe the occupation of the people living in grid square 4020. [1]

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Section B

Attempt any Two questions from this section

Question 2

- a). Complete the statement with the correct ending out of those given below:

- i. If the earth were flat, the time of sunrise would be [1]
- A Different at some places.
 - B Different at different places
 - C Everywhere at the different time
 - D Everywhere at the same time

Answer:.....

- b). The earth is an oblate spheroid. Explain the statement with reference to the underlined term. [1]

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c). State **ONE** observation to illustrate that earth is a sphere.

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d). When it is 10 a.m in Bhutan (90°E), what is the local time at New Delhi (77°E)? [2]

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e). Distinguish between latitude and longitude. Mention at least **TWO** points each. [2]

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f). Fill in the blank by choosing appropriate words from the alternatives provided below:

[1]

There is continuous daylight at the North pole during the _____ in the northern Hemisphere

- A Spring Equinox.
- B Summer solstice
- C Autumnal Equinox.
- D winter solstice.

Answer:.....

g). Give **TWO** geographical reasons to justify that “the days in summer are longer than the days in winter.”

[2]

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Question 3

a. Determine the longitude of Montreal, if the local time at Nairobi (37°E) is 10 a.m. When it is 2:36 am in Montreal.

[2]

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- b. i. Name the tree that has become the almost exclusive provider of natural rubber. [1]

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- ii. State any **TWO** of the challenges faced by the rubber growers in Malaysia. [1]

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- iii. Discuss **ONE** significant use of cocoa [1]

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- c. i) Explain the importance of cattle in the life of the Masai herder? [1]

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- ii) What are the possible changes that would occur in the life of the Masai herders in the near future? Mention at least **TWO** points.

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- d. i) Describe briefly the chief characteristics of the Mediterranean climate. [1]

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- ii). What do you understand by the term 'viticulture'? [1]

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Question 4

- a). The Nile is the Life-line of Egypt. Explain. [2]

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b). i. Name the important distributing centre of wheat in Canada. [1]

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ii. Distinguish between Kolkhoz and Sovkhoz farms. Mention at least **TWO** points each. [2]

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c). i. Define Lumbering. [1]

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“Large-Scale exploitation of coniferous forests through Lumbering in Canada has led to the depletion of trees over large areas.”

- ii.. In regard to above statement, suggest **FOUR** measures that will help conservation of coniferous forest in Canada. [2]

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- d). Why the reindeer is known as “the cow of the far north”? [2]

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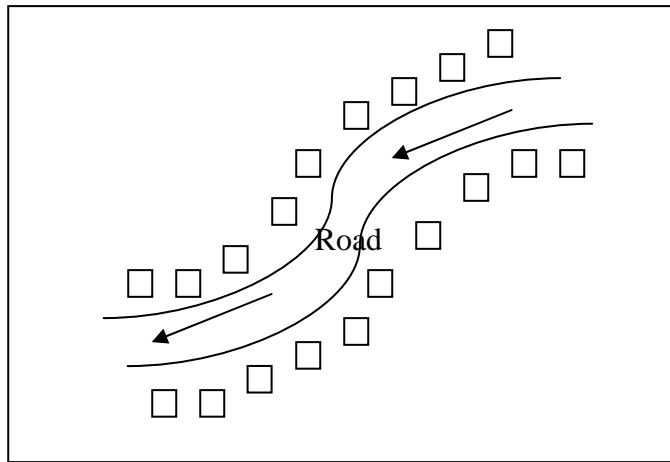
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Section C

Attempt any **three** questions from this section.

Question 5.

Direction: The diagram below should be used to answer question 5,a.



- a). The above diagram provided in the box is _____ pattern of settlement. [1]

- A Linear.
- B Scattered.
- C Nucleated.
- D None Nucleated of the above.

Answer:.....

- b). Distinguish between Rural and Urban settlement. [2]

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c). How does the Urban Sprawl become the problem of urbanization? Mention at least **TWO** problems. [2]

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d). Define the following terms: [2]

i. Faecal Coli

ii. Educational town.

i:.....

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ii.....

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e). How do people contribute to the increase of sanitation problems in their living places? [2]

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- f). Describe **TWO** important characteristics of Central Business District (CBD). [1]

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Question 6

Choose the correct answer from the choice given below:

- a). The management of farm resources in a profitable and sustainable way under the given conditions by a farm household is known as [1]

- A Farming system.
- B Economic system.
- C Commercial system.
- D Subsistence farming.

Answer:.....

- b). Identify any **FOUR** different Agro-Ecological zones in Bhutan. [2]

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c). How would you improve the production levels of crops in Bhutan? [1]

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d). “The subsistence nature of farming in rural Bhutan is a hindrance to the commercialization of farming system. [2]
Justify the above statement.

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e). Define Primary Industry? [1]

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- f). Make a comparative study of pre-modern and modern Industries in Bhutan.
Discuss at least **TWO** points.

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Question 7

- a). Tourism industry is viewed to have negative impact on our culture and tradition.
Provide your opinion on the above statement. [2]

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- b). Discuss any **TWO** reasons for the industrial development in Bhutan. [2]

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- c). Choose the correct answer from the alternatives provided below:
The conventional sources of energy in Bhutan is

A Solar
B Wind power
C Hydro power
D Geo-thermal energy

Answer:.....

- d). State any **TWO** factors favourable for the generation of electricity in Bhutan. [2]

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- e). Distinguish between renewable and non-renewable resources by citing an example each. [1]

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- f). Can alternative source of energies substitute hydro-electricity in Bhutan in the near future?

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Question 8

- a). Examine the significance of hydro-electricity in Bhutan.

[2]

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- b). Distinguish between favourable and unfavourable balance of trade.

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c). If you are a modern trader, what are the chief characteristics you will take into consideration?

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d). What measures do you think we should be taking to improve our balance of payments? [2]

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e). Evaluate the significance of mass media in the process of democratization in Bhutan. [2]

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Question 9

a). Choose the correct answer from the alternatives given below:

i). The exchange of goods and information between different places is known as

- A Spatial interaction
- B Transport network.
- C Regional interaction
- D Communication network.

[1]

Answer:.....

ii. The increasing trend of Earth's temperature due to increasing amount of carbon dioxide is known as

- A Ozone Depletion.
- B Global Warming.
- C Green House effect.
- D Chloro fluoro carbon (CFC).

[1]

Answer:.....

b). Discuss any **TWO** significance of observing World Population Day.

[2]

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c). Describe the impact of population on the natural environment.

[2]

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d). How can you help to sustain Bhutan's natural environment?

[2]

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e). Draw the energy flow in a natural eco-system

[2]

SECTION D

Compulsory: to be attempted by all candidates

Question 10

In the outline map of Asia provided, mark the following features as instructed.

[½ x 5]

- a) Mark with thick lines and name the mountain ranges Elburz and Stanovoi.
- b) Name the rivers Ob and Tigris.
- c) Shade and name the Aral Sea and Black Sea.
- d) Shade and name the Arctic and Equatorial climate.
- e) Mark with thick dots and name Malaysia and Myanmar.

Question 11.

In the outline map of South Asia provided, mark the following features as instructed.

[½ x 10=5]

- a) Shade and name the mountain ranges Sulaiman and Karakoram.
- b) Name the rivers Tapti and Indus.
- c) Mark with thick dots and name Mumbai and Madras.
- d) Mark and shade 'DP' over densely populated area in South India and 'SP' over sparsely populated area in north India.
- e) Mark 'T' over region in the North-east India where tea is grown and 'C' over one region in South –west where coffee is grown.

Question 12.

In the outline map of Bhutan provided, mark the following features as instructed.

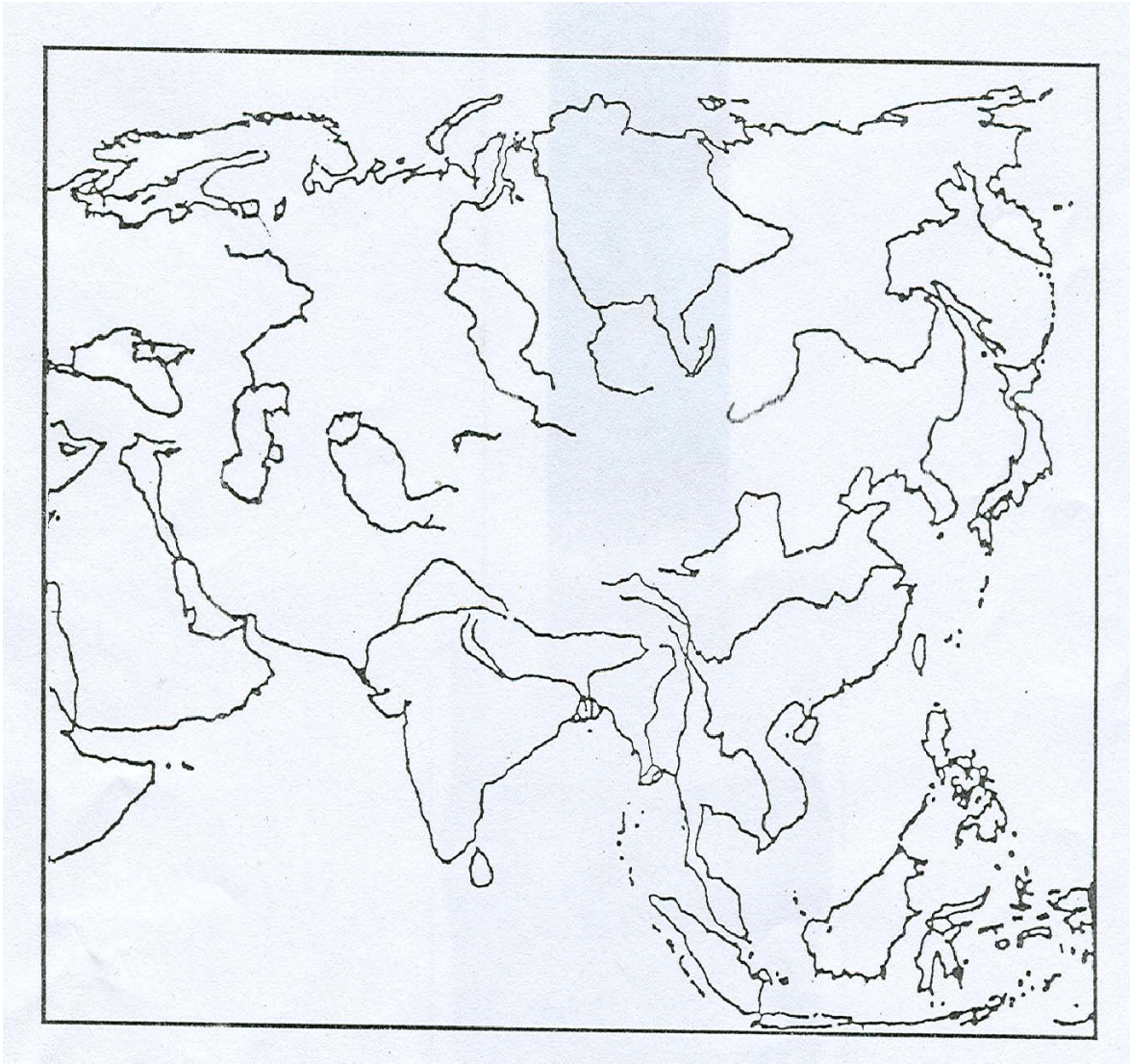
[½ x 10=5]

- a) Mark with a Triangle (Δ) and name Jiwachu Drakey and Gangkar Punsum.
- b) Name the rivers Wangchu and Kurichu.
- c) Mark 'P' over Pelela and 'T' over Thruemsengla.
- d) Mark with a thick dot and name Daifam and PCAL at Gomtu.
- e) Mark PD over Punakha Dzong and TD over Tashigang Dzong.

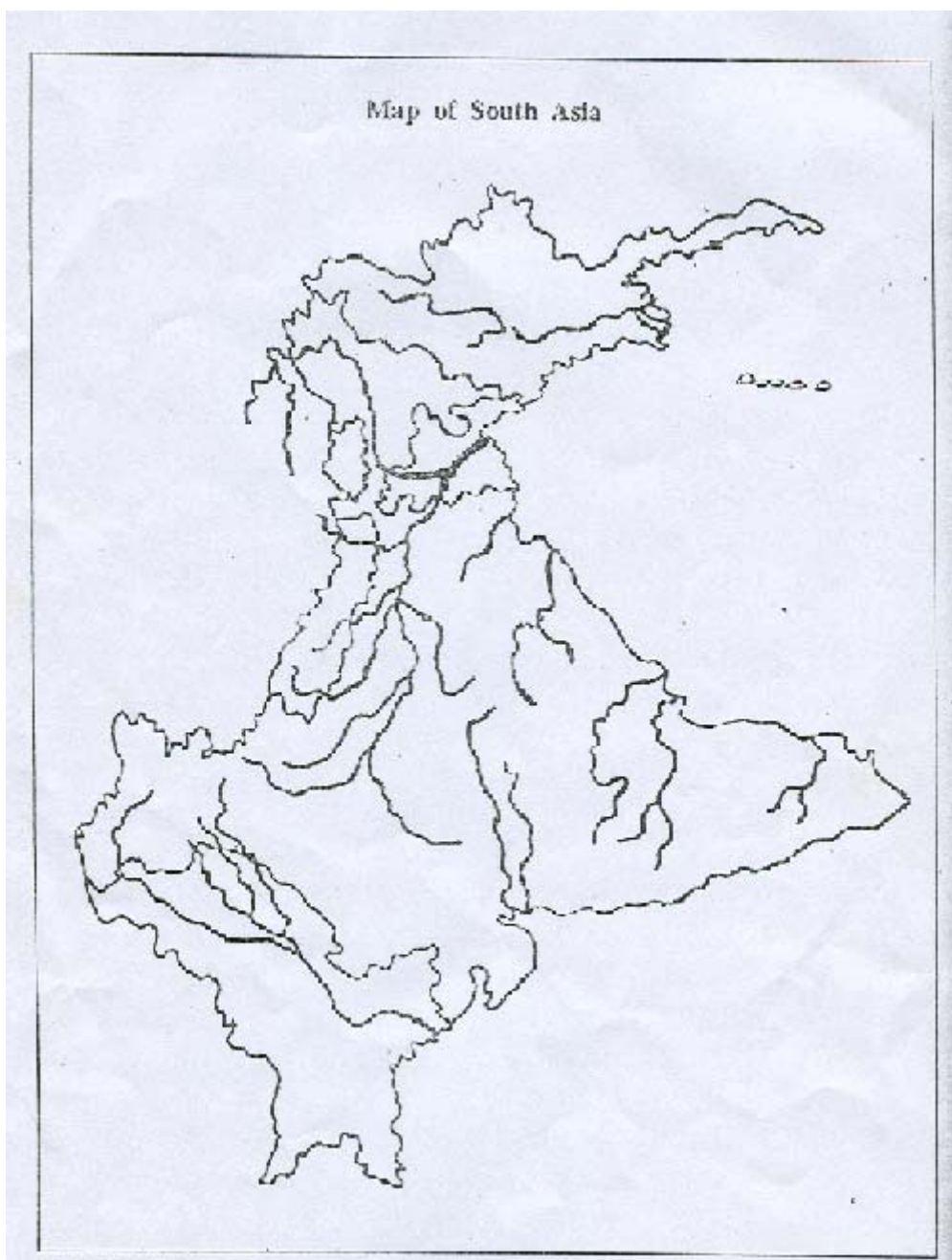
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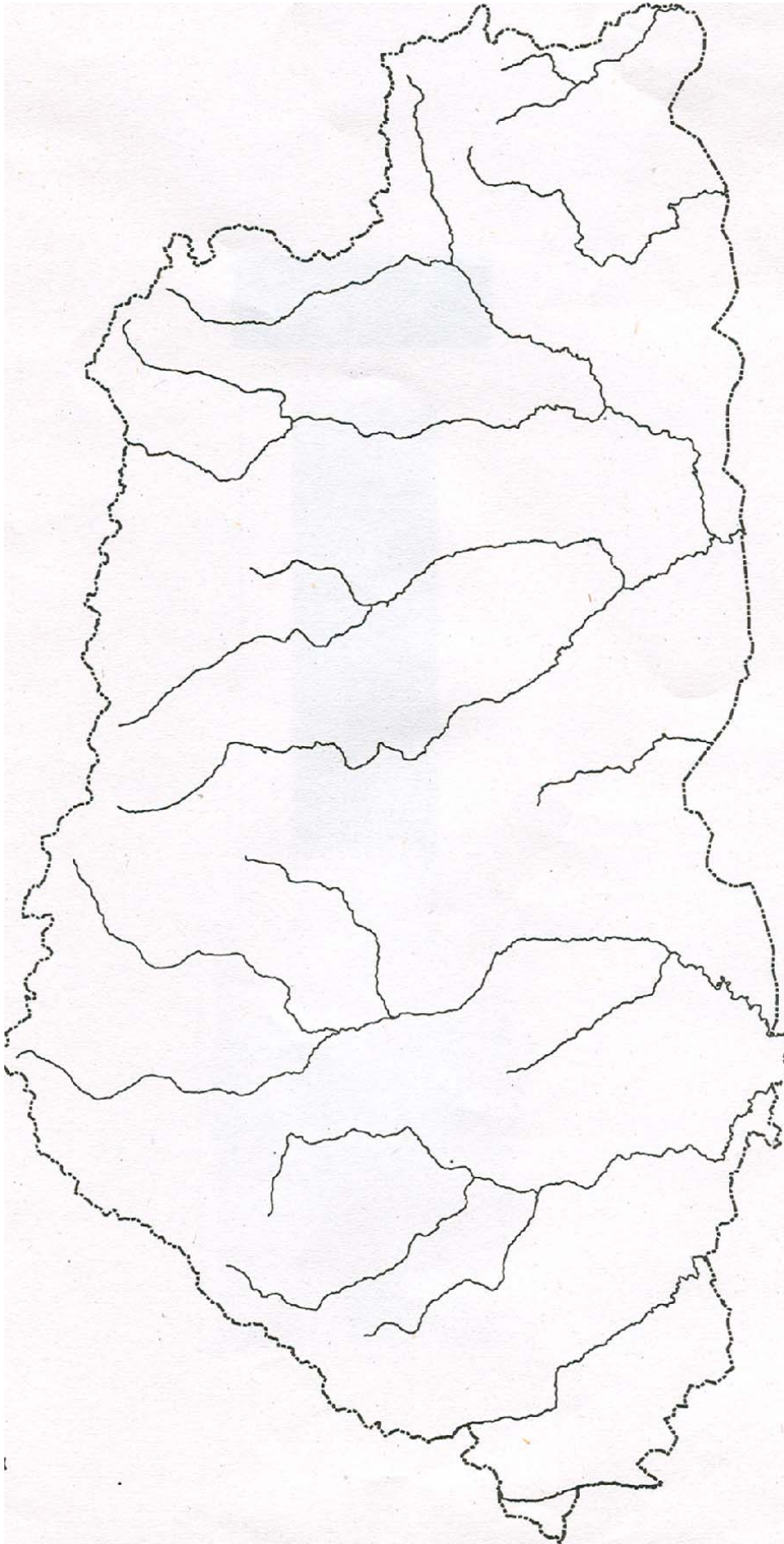
Map of Asia



Map of South Asia



Map of Bhutan



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