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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. 78E/11 and answer the following questions.

- a) Give **SIX** figure grid reference of the spot height 2018 near Dzongthung. [1]

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- b) What is the RF of the map given to you? Express it in a simple statement. [2]

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- c) What is the flow direction of Gam Ri? Give **ONE** reason to support your answer. [2]

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d) Give the name of the drainage pattern in the grid square 1020 of the map.

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e) What kind of settlement pattern do you find in Ngalung? Identify the occupation of the people living there.

[2]

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f) Mention in km the distance between Galing lhakhang and Tongphu Goenpa.

[2]

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g) The mode of transport in the region between Dzongthung and Maja Ung is through

- A footpath.
- B paved road.
- C unpaved road.
- D national highway.

Answer.....

h) Describe the land feature found in the grid square 6020. Give **ONE** reason to justify your answer.

[2]

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i) At what height is Dhezhuling lhakhang located?

[1]

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**Section B**

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

**Question 2.**

- a) An eclipse of the moon shows [1]
  - A an angular shadow of the earth on the moon.
  - B a circular shadow of the earth.
  - C no shadow of the earth.
  - D none of the above.

Answer:.....

- b) "Eratosthenes measurement of the circumference of earth was roughly 48,000km,8000km more than the actual measurement".  
Explain why Eratosthenes could not come to an exact measurement?  
Give **TWO** reasons to support your answer. [2]

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- c) Write **TWO** differences between rotation and revolution of the earth. [2]

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d) Give any **TWO** evidences to show that the earth rotates from west to east. [2]

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e) On which date does the Tropic of Cancer have the longest day? [1]  
A March 22  
B June 21  
C September 22  
D December 23

Answer.....

f) 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 time at 60°E longitude when it is 10 A.M in Bhutan. [2]

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b) Why do rubber planters in Malaysia plant cash crops in the vacant spaces between the rubber seedlings? Give **TWO** reasons. [2]

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c) At what time of the day is the trapping of rubber done? Why? [2]

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d) Mention **TWO** methods of irrigation used in hot deserts. [1]

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e) Why is California an important producer of fruits in the world? Mention **TWO** reasons. [2]

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f) What do you mean by 'Machete'? [1]

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**Question 4.**

a) State **ONE** difference between spring wheat and winter wheat of the Prairies.

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b) Distinguish between Sovkhoz farms and Kolkhoz farms.

[2]

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c) The name given to the natives of the Kalahari Desert by the South African White people is

[1]

- A Aborigines.
- B Tuareges.
- C Bushmen.
- D Bedouine.

Answer.....

d) i) **“Most of the deserts lie on the western margins of the continents”**.  
Why Explain.

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(ii) Camel is often called **“The ship of the Desert”**. Why? [1]

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e) Mention **ONE** modern development in the Tundra region. [1]

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f) Explain **TWO** importance of olive tree in the Mediterranean region.

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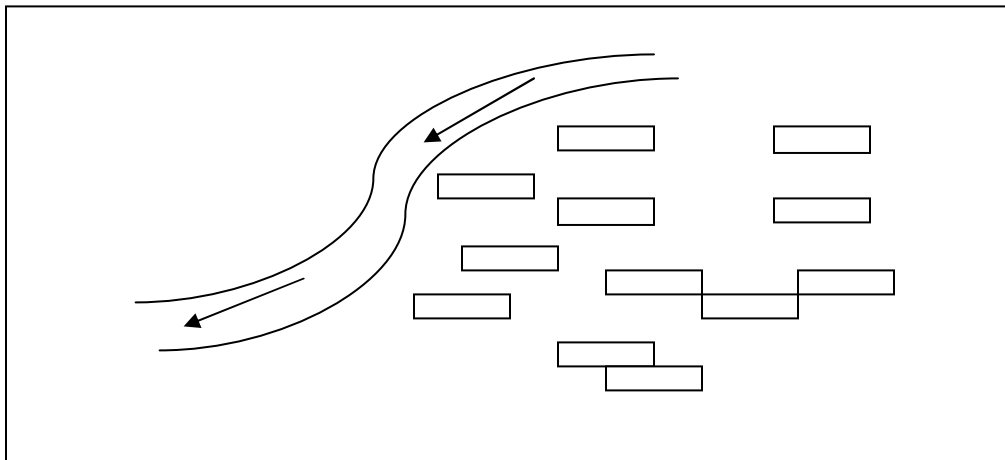
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**Section C**

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

**Question 5.**



- a) The above diagram shows [1]
- A scattered pattern of settlement.
  - B squatter pattern of settlement.
  - C nucleated pattern settlement.
  - D linear pattern of settlement.

Answer:.....

b) Examine **TWO** purposes of industrial development in Bhutan.

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c) Why are the heavy industries located in the southern part of our country? Give **TWO** reasons.

[2]

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d) **“There are important factors which have affected the establishment and growth of urban centers in Bhutan”.**  
What are these factors? Mention **TWO** of them.

[1]

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e) Write the importance of creating a “Green-belt zone”.

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f) Differentiate an administrative town from an industrial town giving an example each.

[2]

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g) Write down **ONE** social problem which city dwellers in Bhutan may suffer from.

[1]

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**Question 6**

a) Define Global Warming.

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b) Write **TWO** differences between traditional and modern farming system.

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c) How can we solve the problem of inheritance in our farming system?  
Give **TWO** ways.

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d) Write **TWO** chief characteristics of modern trade.

[2]

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e) Why are the yak herders not nomadic in reality? Give **TWO** reasons.

[1]

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f) Distinguish between scattered and squatter settlements.  
Write **TWO** differences.

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**Question 7**

a) **“Paper making is a living tradition in Bhutan”**. With reference to this, answer the following.

(i) Name the plant from which Desho is made. [1]

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(ii) Explain **TWO** uses of Desho. [2]

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b) State **TWO** factors that have led to rapid growth of population. [2]

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c) Why do you think most of the towns in Bhutan are located near dzongs? [2]

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d) The secondary industries are engaged in

[1]

- A providing services.
- B manufacturing goods.
- C producing raw materials.
- D marketing manufactured goods.

Answer.....

e) Identify **TWO** difficulties faced by Bhutanese traders in the past.

[2]

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**Question 8**

a) Mention **ONE** disadvantage associated with diesel run engines.

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b) Identify **TWO** conditions that are suitable for the development of Hydro-Power Projects in Bhutan

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c) Classify the following into conventional forms of energy and alternative forms of energy.

- i) Solar energy
- ii) Hydro electricity
- iii) Coal
- iv) Wind

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d) Define trade.

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e) Why are some industries called 'service industries'? Give **ONE** example.

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f) What are the **TWO** drawbacks of verbal communication over other means of communication?

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**Question 9**

a) What is the significance of mass media in Bhutan after 2008.

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b) Define farming system.

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c) Name **TWO** countries which are receiving significant increase in ultra violet radiation.

[1]

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d) How can the use of refrigerators, aerosol sprays and plastics cause skin cancer and eye damage?

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e) Evaluate **TWO** importance of generating electricity in Bhutan.

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f) With the help of a diagram, explain a food chain in the eco-system.

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**SECTION D**

*Compulsory: to be attempted by all candidates*

**Question 10**

In the outline map of Asia provided:

[5]

- a) Mark with thick lines and name the mountain ranges Stanovia and Elburz.
- b) Name the rivers Sikiang and Yanggtse.
- c) Shade and name South China Sea and Arabian Sea.
- d) Mark 'R' in one place of Malaysia where Rubber is cultivated.
- e) Shade with crossed thick line over one region of Equatorial forest and insert 'AR' over Artic region.

**Question 11.**

In the outline map of South Asia provided:

[5]

- a) Mark with a line and name Nilgiri Hills and Aravalli Hills.
- b) Mark and name the rivers Ganga and Krishna.
- c) Mark with thick dots and name Bangalore and Orrisa.
- d) Shade and name the Indian Ocean and Bay of Bengal.
- e) Mark and shade 'DP' over densely populated areas in south India and 'SP' over sparsely populated area in north India.

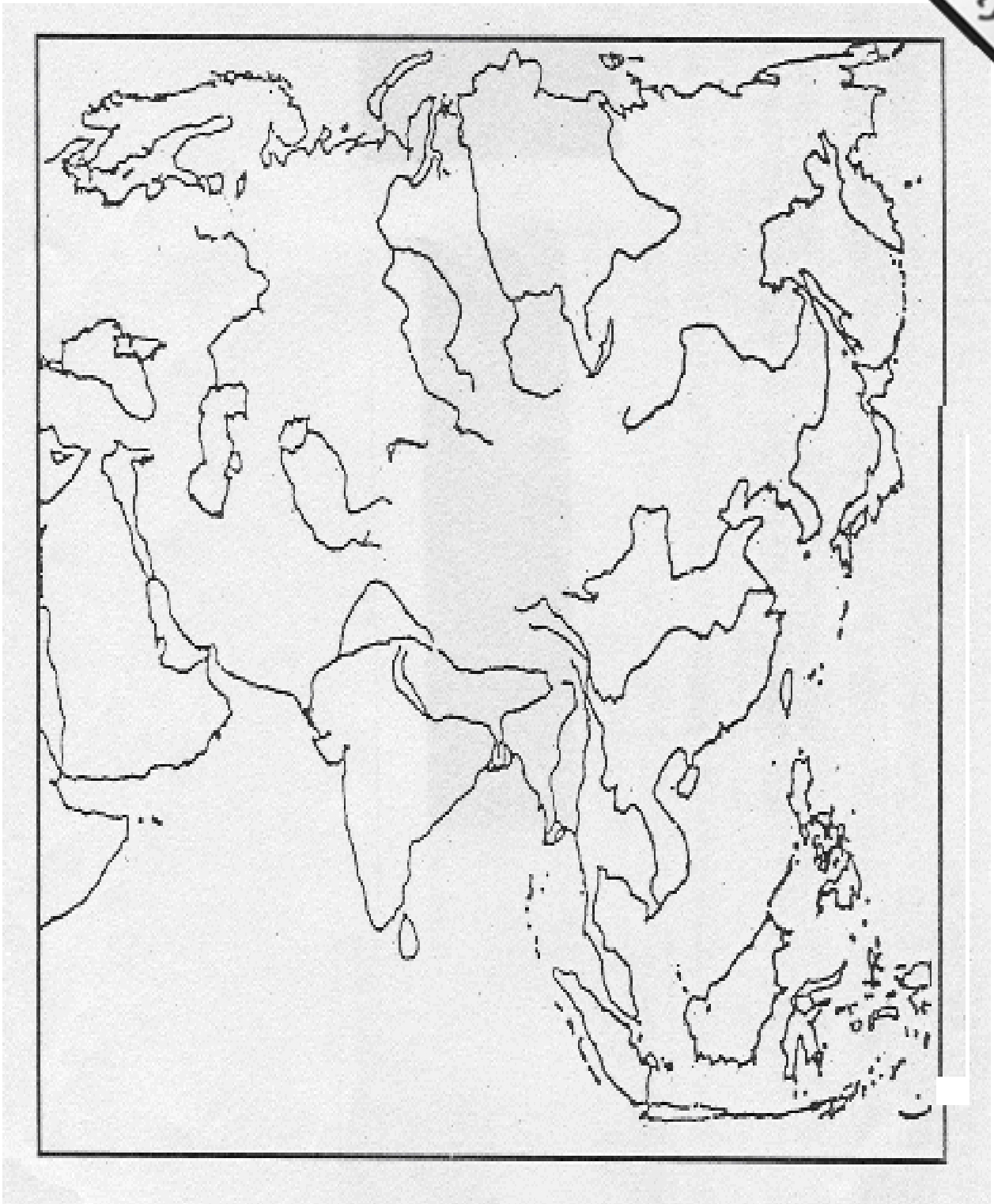
**Question 12.**

In the outline map of Bhutan provided:

[5]

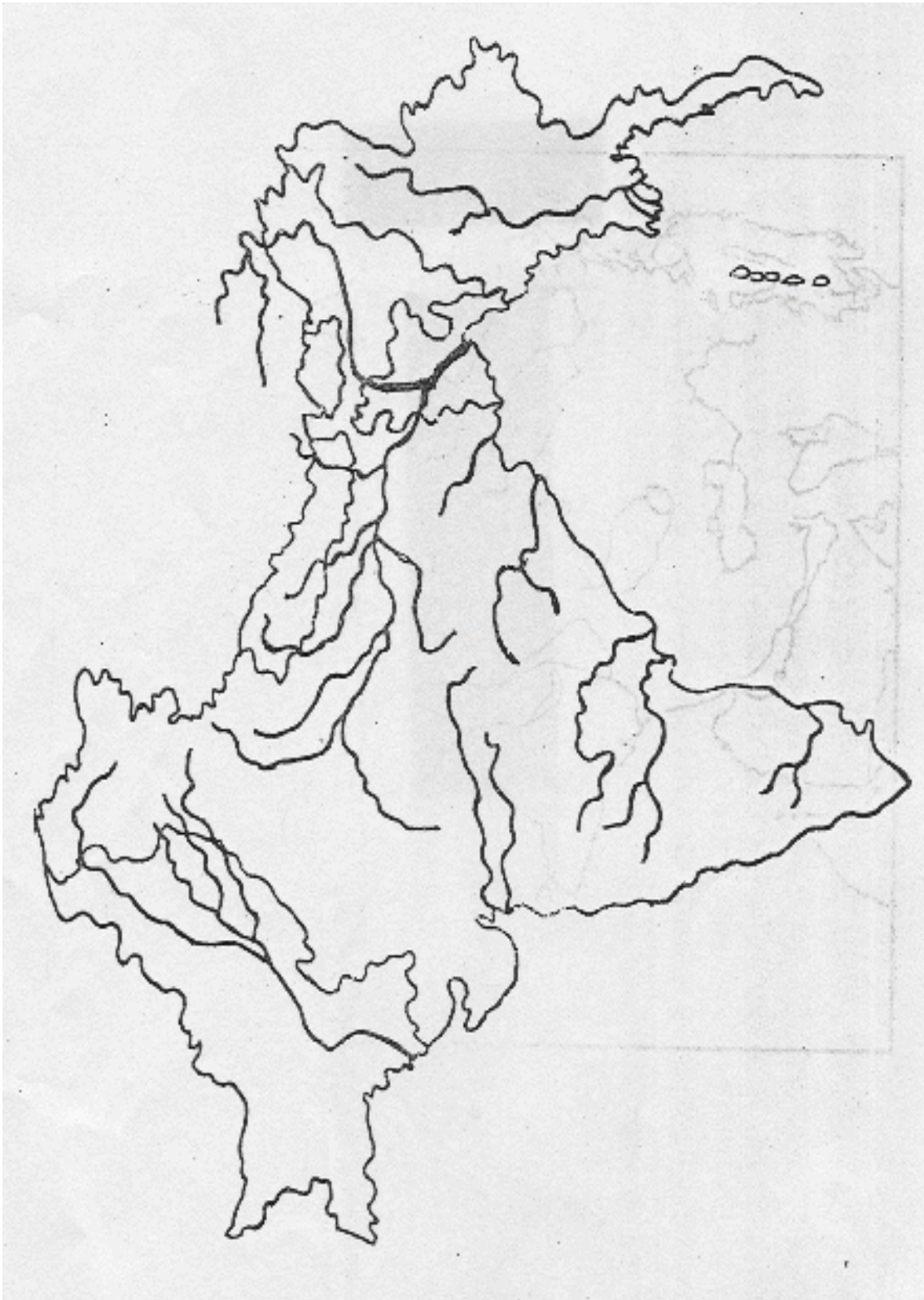
- a) Mark with X where Tremola and Pelela are located.
- b) Mark with a triangle and name Jowo Durshing and Jumolhari.
- c) Name the rivers Dangme Chhu and Wang Chhu.
- d) Mark 'GD' over Gasa Dzong and 'ZD' over Zhemgang Dzong.
- e) Mark 'DP' over densely populated region and 'TP' over thinly populated region in the country.

# Map of Asia





### Map of South Asia





### Map of Bhutan

