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Supervising Examiner's/Invigilator's initial:

**History, Civics & Geography  
Paper II (Geography) NEW CURRICULUM**

**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 map No. 78M/11 and answer the following questions.

- (a) What is the interval at which two successive index contours are marked? (1)

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- (b) Trace the length of the power line from Khabti Bikhar. (2)

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- (c) Give the six figure grid reference of the spot height •1965 toward the southwest of the map. (1)

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- (d) Differentiate the drainage pattern formed by Thungtheri and the Pattern in 2010. (1)

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(e) If the statement scale is 1cm = 1 km, the RF will be (1)

- A 1: 25,000
- B 1: 50,000
- C 1: 100,000
- D 1: 150,000

Answer:.....

(f) In what direction is Changmi located in relation to Dzungthung? (1)

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(g) Name the settlement in grid square 4040. (1)

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(h) Compare the major occupations of the people living in grid square 4040 and Dzungthung. (2)

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(i) Why have the people not settled in grid square 7050? Justify.

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(j) Define 'index contour'. (1)

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(k) What is the contour height of the Lhakhang at Lemphang? (1)

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(l) Give the full form of the following abbreviations. (1)

- i. PS
- ii. Chp

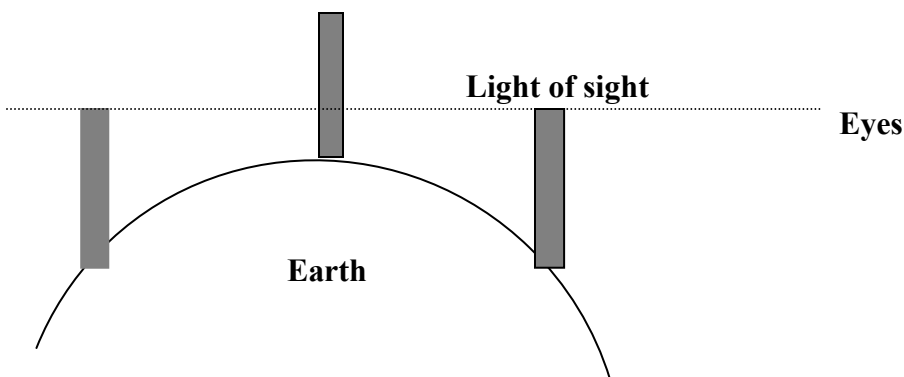
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**SECTION B**

**Attempt any two questions from the section.**

**Question 2**

(a) Study the diagram below and answer the questions that follow:



- i) What does the experiment prove? (1/2)
- ii) Name the experiment. (1/2)

i. ....  
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ii. ....  
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(b) If we fly an airplane around the world in the same direction, we would eventually reach the starting point. However, this would not be a valid proof of the earth's sphericity. Why? (2)

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(c) When the time at A ( $75^{\circ}$  E) is 7 am, what will the time be at B ( $25^{\circ}$ E)?

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(d) Give **two** uses of Longitude. (2)

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(e) When the earth is at aphelion, its distance from the sun in million km is (1)

- A 147
- B 149
- C 150
- D 152

Answer:.....

(f) Draw a diagram to show the position of the sun's rays on 21<sup>st</sup> June and 22<sup>nd</sup> December. (2)

**Question 3**

(a) The time at 40°E Longitude is 6 pm when it is 2pm at a certain place X. Find the longitude of place X.

(2)

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(b) Give at least **two** reasons why leguminous plants are grown in between the rubber saplings.

(1)

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(c) How does a rubber tree propagate its seeds?

(1)

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(d) How would you know whether cocoa beans are well fermented or not?

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(e) What are the magical rain-makers in the Masai tribe known as? (1)

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(f) Why can the Masai be considered a 'nation'? (1)

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(g) Why do the Mediterranean regions receive rainfall in winter? (2)

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(h) What is 'Vintage'? (1)

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**Question 4**

(a) In which desert do the following people live? (1)

Tuaregs \_\_\_\_\_  
Bushmen \_\_\_\_\_

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(b) What are 'Zeribas'? (1)

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(c) Give **two** differences between Kolkhoze and Sovkhoze. (2)

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(d) Mention **two** advantages of collective farms.

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(e) What are the advantages of fur farming over trapping? Mention any **two**. (2)

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(f) What is 'Landing'? (1)

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(g) Why are Tundra regions known as 'a region of Privation'? (2)

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**SECTION C**

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

**Question 5**

- (a) Define the rate of urbanization. (1)

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- (b) Why is seasonal migration is is normally not practiced in dispersed settlement? (1)

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- (c) Differentiate linear and dispersed settlement. (2)

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(d) What possible suggestions can you give to stop rural-urban migration?

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(e) What could be the reasons for the growth of Gomtu Town? (2)

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(f) What could be the danger of limiting the expansion of a town by green belt zone? Mention any **two** problems that would follow. [2]

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**Question 6**

(a) What do you understand by 'Farming System'? (1)

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(b) How will the environmental preservation contribute to realizing the goal of 'Gross National Happiness'? (3)

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(c) All the places fall under the Alpine zone EXCEPT (1)

- A Laya.
- B Merak.
- C Naro.
- D Paro.

Answer:.....

(d) How can we limit the Problem of land fragmentation? (2)

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- (e) Mention any **two** new technologies that the farmers have adopted in farming system. (1)

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- (f) If you were an Agriculture Extension Officer in one of the gewogs in Bhutan, what activities would you carry out to spread environmental awareness among the farming communities? Mention any **two**. (2)

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**Question 7**

- (a) The name of the plant from which Desho is made is known as (1)
- A Bashing
  - B Deshing.
  - C Dzashing.
  - D Dungshing

Answer:.....

(b) What is the function of secondary sector of Industries?

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(Table below is to be used with Q no. C)

Region	Large	Medium	Small	Total
A	3	1	74	78
B	30	37	76	143
C	2	0	19	21
D	0	0	6	6

Region A—Thimphu, Paro, Haa, Punakha , Wangdi and Gasa  
 Region B – Chukha and Samtse  
 Region C -- Sarbhang, Tsirang and Dagana  
 Refion D – Trongsa, Zhemgang and Bumthang

(c) Give at least **two** reasons why Region B has the greatest number of industries. (2)

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(d) The following are the processes involved in desho-making. Arrange the processes in correct order. (i. Soaking, cleaning and cooking. ii. Beating into pulp. iii. Cutting bark into pieces. iv. Spreading and drying of the pulp) (2)

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(e) Give at least **four** differences between pre- modern and modern Industries. (2)

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(f) Mention any **two** disadvantages of using gas stoves. (2)

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**Question 8**

(a) The use of hot springs as an alternative source of energy is not feasible in Bhutan, why? (2)

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- (b) How can we make use of the following sources of power in modern ways? (2)  
i. wind  
ii. solar

i.....  
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ii.....  
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- (c) Briefly describe how hydro electric power is generated. (2)

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- (d) What do you understand by 'trade deficit'? (1)

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- (e) There are 5 links and 6 nodes between place A and B. What is the transport efficiency? Say whether the transport system between the two places is efficient or not. (2)

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- (f) Why are some forms of communication known as Mass Media? (1)

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**Question 9**

- (a) Modern trade is normally dominated by advanced countries. Give **two** valid reasons. (2)

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(b) Give two advantages of mass media over spread of information through conversation.

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(c) Suggest any **two** ways to sustain Bhutan's Natural Environment. (2)

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(d) If you were a policy maker, what policies would you frame in order to lower the population growth rate of Bhutan? (2)

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(e) Describe how ozone layer is depleted.

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**SECTION D**

Compulsory: To be attempted by all candidates

**Question 10**

In the outline map of Asia provided, mark the following features as instructed. (½x10=5)

- (a) Mark with thick line and name the Altai mountain range and Arakan Yoma.
- (b) Name the River Hwang Ho and Mekong.
- (c) Shade and Name Aral sea and Yellow sea.
- (d) Shade and Name Tibetan Plateau and Gobi Desert.
- (e) Mark with thick dots and Name Taiwan and Singapore.

**Question 11**

In the outline map of South Asia provided, mark the following features as instructed. (½x10=5)

- (a) Shade with thick line and name Karakoram and Sulaiman.
- (b) Name the river Tapti and Godawari
- (c) Mark with thick dots and name Mumbai and Gangtok
- (d) Shade and name the Thar Desert and the Deccan Plateau.
- (e) Mark with thick lines and name Nilgiris Hills and Westernghats.

**Question 12**

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

(½x10=

- (a) Mark with triangle ( $\Delta$ ) and Name Gangkharpunsun and Masagang.
- (b) Name the river Nguera Amachu and Amochu.
- (c) Mark 'P' over Pelela and 'K' over Karchungla.
- (d) Mark 'PG' for Pemagatshel Dzong and 'H' for Haa.
- (e) Mark with ( $\cdot$ ) and Name Pasakha and Gomtu.

*For Rough Work*





**Map of Asia**



**Map of South Asia**



**Map of Bhutan**

