

# GEOGRAPHY

(Three hours and a quarter)

(The first 15 minutes of the examination are for reading the paper only.

Candidates must NOT start writing during this time).

Answer Question 1 (compulsory) from Part I and any seven questions from Part II.

The intended marks for question are given in brackets. [ ]

## PART I - COMPULSORY (30 marks)

Q.1.

Define population. Name the dzongkhag having the lowest population density. [1+1]

Write any TWO environmental concerns faced by the Royal Government of Bhutan. [1+1]

Which is the most common mode of transport used in our country? Mention any ONE of its advantages. [1+1]

What is "sustainable development"? [2]

Write any TWO causes of population growth. [1+1]

Write any TWO problems faced by Bhutanese farmers. [1+1]

Give TWO reasons why railway transport is NOT feasible in Bhutan. [1+1]

State any TWO measures adopted by Royal Government of Bhutan to conserve nature. [1+1]

State any TWO applications of helicopter service for a country like Bhutan? Support your answer with TWO reasons. [1+1]

Give TWO advantages of non-conventional sources of energy over conventional sources of energy. [1+1]

Communication plays a vital role in economic development". Give TWO reasons to support the above statement. [1+1]

Give TWO consequences of human activities on our environment. [1+1]

(xiii) Give FOUR differences between urban and rural settlements. [4 × 1/2]



(xiv) Give **TWO** reasons why market gardening has emerged in and around the urban areas. [1+1]

(xv) Differentiate between Agro-Based and Mineral-Based industries. [1+1]

### PART II (70 marks)

Answer any **SEVEN** questions

#### Question 2.

- (a) (i) Define Migration. Mention any **TWO** causes of migration. [1+1+1]
- (ii) Write down any **TWO** advantages and disadvantages of urbanization. [4 x ½ = 2]
- (b) Describe the **THREE** main patterns of settlement found in Bhutan. [1+1+1]
- (c) Discuss **TWO** ways in which postal services are useful for masses in Bhutan. [1+1]

#### Question 3.

- (a) What is intensity of cropping? Give **FOUR** factors influencing the intensity of cropping. [1+4 x ½]
- (b) (i) Why is commercial farming not practised on a large scale in Bhutan? [4 x ½ = 2]
- (ii) Name any **FOUR** commercial crops grown in Bhutan. [4 x ½ = 2]
- (c) (i) State **TWO** reasons why ropeways are not popular in Bhutan. [1+1]
- (ii) List down **FOUR** factors affecting the location of Penden Cement Authority Limited, Gomtu. [1+1]

#### Question 4.

- (a) What is meant by mass communication? Give **TWO** importance of television in mass communication. [1+2]
- (b) (i) What do you understand by transport and communication? [1+1]
- (ii) Name any **FOUR** means of communication. [4 x ½ = 2]
- (c) (i) Why are mobile services becoming popular in Bhutan? [1]
- (ii) Suggest **TWO** measures to overcome the problems of road transportation in Bhutan.



Question 5.

- What is "Forest Conservation"? Why is it necessary for Bhutan? [1+1½]
- What do you understand by Environmental Impact Assessment? [2]
- Why does the Earth have everything for our need, not for our greed? [2]
- Identify TWO importance for preserving our natural heritage. [2]
- What are the roles played by "RSPN" on the conservation of nature? [1+1½]
- Distinguish between "push" and "pull" factors of migration. [1+1]
- List any TWO measures to check rapid population growth in Bhutan. [2]
- Although the growth rate of Bhutan is comparatively higher than that of other countries, the annual increase in the number of population is higher in the latter". Refer to the above statement, justify your answer, giving TWO reasons. [2]
- State TWO problems caused by rural – urban migration of population. [2]
- Suggest TWO ways to check rural – urban migration of population. [2]
- What factors of resource will depend on human accessibility? Explain. [3]
- List any TWO environmental policies adopted by Royal Government of Bhutan. [2]
- Hydro-electricity is the cheapest and convenient source of energy for Bhutan. Discuss the advantages and disadvantages of hydro-electricity in Bhutan? [2]
- Discuss some of the negative impact of Hydro-electric power on our environment? [3]
- Discuss the growth of tourism in Bhutan. [3]
- Elaborate the statement "low volume and high value" in relation to Bhutan's Tourism Policy followed by our country. [2]



- (b) (i) Give a brief account of the historical development of industries in Bhutan. [2]  
(ii) Describe **THREE** factors affecting localization of industries. [3]
- Question 9.**
- (a) Outline the merits and demerits of air transport. [2]  
(b) In which year was the first tele-communication service started? Give **TWO** benefits of using modern means of tele-communication. [1+1]  
(c) When and where was the first post office opened in our Kingdom? [1+1]  
(d) List the positive and negative impacts of television on the Bhutanese society. [6 x 1]

**Question 10.**

- (a) How would you define a "Literate person" ? Why do you think that the literacy rate is higher for men than women in Bhutan? Give **TWO** reasons. [1+1-1]  
(b) What do you understand by "Conurbation" ? [1]  
(c) (i) "Industries are the key to the economic development of a country". Support the above statement. [2]  
(ii) Explain the importance of ropeways in our country. [2]  
(d) "Should development take place at the cost of environment ?" Comment. [2]

**Question 11.**

On the outline map of Bhutan, mark and name the following:

- (a) Write "D" over densely populated area and "S" over sparsely populated area. [2 x 1/2]  
(b) An area where nucleated settlement is found. [1]  
(c) An important rice growing area. [1]  
(d) An area where coal is mined. [1]  
(e) The biggest national park of Bhutan.  
(f) The international airport.



(g) One chemical based industry.

[1]

area where the first B-mobile service was launched.

[1]

e wood based industry.

[1]

habitat of Black Necked Crane.

[1]



INDEX NO. : .....

**FOR OFFICE USE ONLY**

ACTIVE NO. : .....

1: Fill in your Index No. in the space provided. Attach this map with your answer scripts.

