



Ministry of Education  
Chumey Higher Secondary School  
Bumthang  
Annual Exam -2022



CLASS: VII A,B&C

WRITING TIME: 2 hours

Geography

TOTAL MARKS:70

READ THE FOLLOWING DIRECTIONS CAREFULLY:

1. Do not write for the first **fifteen minutes**. This time is to be spent on reading the questions. After having read the questions, you will be given **two hours** to answer all the questions.
2. Make sure there are **Twelve** pages (Page1of 12 – 12 of 12).
3. Write your **index number and class** correctly in your answer sheet.
4. Section **A and C** are compulsory. Attempt **Three** questions from Section **B**.
5. The intended marks for each question are given in the **brackets []**
6. Remember to write **quickly** but **neatly**.
7. **Do not** leave the examination hall before you have made sure that you have answered all the questions.

**SECTION A: (30 MARKS)**  
ANSWER ALL QUESTIONS

**Question 1**

[1X15]

**Directions:** For each question, there are four alternatives A, B, C, and D. choose the correct alternative and circle it. Do not circle more than ONE alternative. If there are more than one circled, NO score will be awarded

- I. The word geography is a Greek word which means
  - A. To describe earth
  - B. To learn earth
  - C. To know about earth
  - D. To draw the earth
- II. Which factor makes Earth different from all the other planets in the solar system in its ability to support life?
  - A. Earth's tilt
  - B. Earth's revolution
  - C. Earth's rotation
  - D. The earth has a breathable atmosphere
- III. On a globe, the Equator is the
  - A. Horizontal center line
  - B. Vertical center line
  - C. 30-degree line
  - D. 180-degree line

IV. What drainage pattern is shown below?



- A. Trellis pattern
- B. Dendritic pattern
- C. Radial pattern
- D. Tree pattern

V. Refer the picture given below and choose the correct answer:



- A. Physical weathering
- B. Chemical weathering
- C. Biological weathering
- D. Denudation

VI. Intermontane plateaus are found in

- A. Between two plains
- B. Between mountains
- C. Mountain base
- D. Ocean base

VII. Minerals which are hard and shiny and are good conductor of heat and electricity and these types of minerals are mostly found in igneous rock. Select the mineral described above

- A. Metallic mineral resources
- B. Non-ferrous metallic minerals
- C. Ferrous metallic minerals
- D. Non-metallic minerals resources

VIII. The jet aircrafts fly very easily and smoothly in the lower stratosphere. What could be the appropriate explanation?

**Statement 1**-There are no clouds or water vapor in the lower stratosphere.,

**Statement 2**-There are no vertical winds in the lower stratosphere.,

**Which of the statements given above is/are correct in this context?**

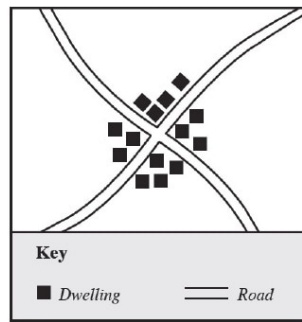
- A. Statement 1
- B. Statement 2
- C. Both the statements
- D. Neither 1 nor 2

IX. The vegetation lies in the greater Himalayas above 4000 meters. It receives rainfall below 750 millimeters in a year. The average temperature in summer is 10<sup>o</sup>c and remains below freezing point in winter.

The above statement describe:

- A. Sub-tropical Forest
  - B. Cool broadleaved Forest
  - C. Alpine Vegetation
  - D. Temperate forest
- X. In Chumey, the number of birth was 36 and death rate was 24 in the year 2020. The natural change of population was
- A. 10
  - B. 11
  - C. 12
  - D. 13
- XI. A settlement where there are more economic opportunities is
- A. Village
  - B. Rural
  - C. Town
  - D. Urban

XII. Refer the figure below



Identify the type of settlement

- A. Nucleated settlement
  - B. Dispersed settlement
  - C. Linear settlement
  - D. Circular settlement
- XIII. All living organisms need to feed on different types of food for survival and transfer energy from one living organism to another.  
The above statement describes
- A. Ecosystem
  - B. Food chain
  - C. Photosynthesis
  - D. Food web.
- XIV. Natural resource which will replenish to replace the portion depleted by usage and consumption, either through natural reproduction or other recurring processes in a finite amount of time in a human time scale is known as
- A. Valuable resources
  - B. Renewable resources
  - C. Forest resources
  - D. Mineral resources

XV. Refer the figure below and identify the cause of disaster



- A. Flood
- B. Windstorm
- C. Earthquake
- D. fire

**Question 2** **[1X5]**

**Direction: write TRUE or FALSE for the following statements in the space provided**

a) Geography is referred as an interdisciplinary subject.	
b) Omnivores are those animals that consume only plants.	
c) Human prefer to settle where there are less economic opportunities.	
d) Excessive use of natural resources leads to sustainability of resources.	
e) A natural disaster is a scheduled event.	

**Question 3** **[1X5]**

**Directions: Match each item in column A with the correct item in column B. rewrite the correct pairs by writing the number against the alphabet in the space provided**

Column A	Column B
A. An area drained by river and its tributaries	i. Lunana
B. High land that separates two drainage basins	ii. watershed
C. The shape formed by river and its tributaries in a particular drainage basin	iii. Chumbi
D. Unplanned area from which river draws its water	iv. Drainage basin
E. Amo chhu is the fourth largest drainage basin and it originates from glacier in	v. Catchment area
	vi. Drainage pattern

Column A	Column B
A.	
B.	
C.	
D.	
E.	

**Question 4**

[1X5]

**Direction: Read the following and fill in the blanks with appropriate word/s**

- The movement of the earth around the sun on its orbit is known as \_\_\_\_\_
- Efficient use of energy in termed as \_\_\_\_\_
- There are 180 lines of latitudes and 360 lines of \_\_\_\_\_
- The rocks formed due to cooling and solidification of molten materials are called \_\_\_\_\_
- Movement of the people from one place to another is \_\_\_\_\_

**Section B**

**Choose any Three questions. (3X10)**

**Question 5**

- With the help of diagram explain differences between latitude and longitude? [2]

- State TWO differences between extrusive and intrusive igneous rock? [2]

- c) Compare sub-tropical monsoon climate and sub-alpine climate with reference to altitude and temperature. [2]

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- d) The population has increased beyond the carrying capacity of the earth and it has become necessary for every one of us to use the resources sustainably. Suggest TWO ways to use resources sustainably? [2]


- e) Identifying potential hazards and preparing disaster management plan are very important in our everyday life. How would you prepare disaster management plan? [2]


**Question 6**

- a) There are about 14 types of minerals found in Bhutan. How would these minerals help in the economic growth of a country? [2]


- b) According to the constitution of the Kingdom of Bhutan, 60% of its total land must be under forest cover for all times to come. Why do you think? [2]


- c) Suggest TWO survival tips during earthquake disaster. [2]


- d) Explain TWO types of external processes of land formation. [2]



e) Suggest FOUR measures to reduce environmental problems in our country. [2]


**Question 7**

a) People living in the higher altitude region prefer to domesticate animals rather than farming. Why? [2]


b) Rural to urban migration rate has been increasing over the years and rural areas faces labour shortage problem. How would you over come the labour shortage problem in rural areas? [2]




c) Forest resources plays important role in maintaining diversity of plants and animals, helps control climate and maintain balanced ecosystem. Suggest TWO ways to protect forest resources. [2]


d) If you were to settle in one of the dzongkhags in Bhutan, which one would you choose and why? [2]


e) Write at least TWO significances of Atmosphere. [2]


**Question 8**

a) Why do mountaineers carry oxygen while climbing mountains? [1]


b) Suggest FOUR ways to conserve and protect rivers in Bhutan. [2]


c) Explain human impacts on natural environment. [2]


d) What would happen if the earth is without atmosphere? [2]

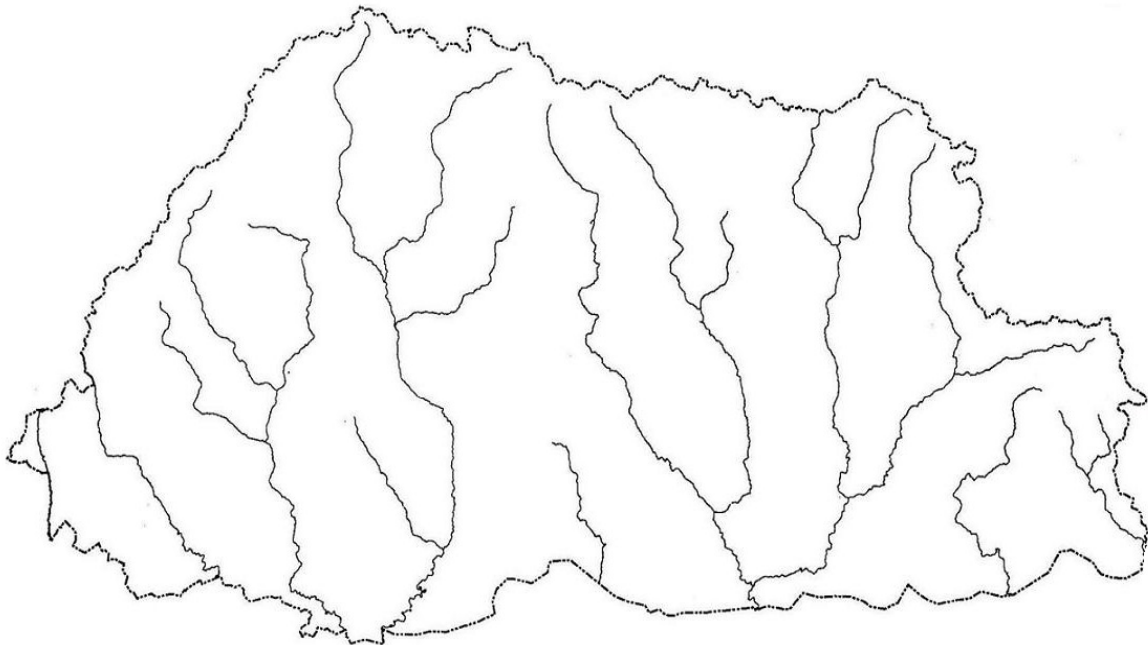

f) When it is 10 AM in Bhutan, what will be the time at a place 135° E longitude? [3]



**Section C [10 Marks]**

**Map work**

1. On the outline map of Bhutan, mark the following features. **(1X5)**
  - A. Label and name Amochu and Nyera Ama chu.
  - B. Mark (^^^ ) and name Gangkhar Phunsum and Jiwuchudrakey.
  - C. Mark(X) and name Pele La.



2. In the outline map of **world**, mark the following features. **(1X5)**

- A. Draw international dateline and  $0^{\circ}$  latitude
- B. Mark (•) and name USA and Russia.
- C. Shade Pacific Ocean.

