

P.V.G.'s
Muktangan English School & Jr. College, Pune - 9
Annual Examination (2024-25)
STD XI

Subject : Geography
Date : 04.04.2025

Marks - 80
Time : - 8.30 - 11.30 am

Instructions:-

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Use of map stencils is allowed
4. Use of colour pencils is allowed
5. Draw the neat diagrams wherever necessary.

Q1) Answer the sub-questions as per given instructions. (20)

A) Complete the chain and rewrite in your answer papers. (5)

A	B	C
1) Circum Pacific Belt	a) Plucking	i) Chemical weathering
2) Sedimentary rock	b) Increase in sea level	ii) Sunda
3) Glacier	c) Limestone	iii) Cotopaxi
4) Melting of snow	d) Deeper part	iv) Roche mountain
5) Oceanic Trenches	e) Ring of fire	v) Flooding

B) Identify correct correlation (5)

A: Assertion,

R: Reasoning

- a) only 'A' is correct
- b) Only 'R' is correct
- c) Both 'A' and 'R' is correct and R is the correct explanation of A
- d) Both 'A' and 'R' is correct and R is not the correct explanation of A

(Note : The above options are all the questions given below)

1. A: Faulting leads to development of fold mountains

R: Faulting occurs when tensional forces move away from each other.

2. A: Some rivers may not form deltas.
R: They do not have huge load of sediment.
3. A: More deposition occurs in the continental slope.
R: The slope is steeper here.
4. A: Rainforest are dense.
R: Constant high temperature and heavy convectional rainfall evenly distributed over the year.
5. A: Gravity is a major factor in Mass wasting.
R: Gravity pulls all things down to the earth's surface.

C) Identify the incorrect factor.

(5)

1. The factors that affect mechanical weathering.
- | | |
|-------------|-------------------------|
| a) Water | b) Heat |
| c) Pressure | d) Microscopic organism |
2. The erosional features of wind are
- | | |
|----------------------|---------------|
| a) Loess | b) ventifacts |
| c) Deflation hollows | d) Yardang |
3. Causes of climate change
- | | |
|------------------------------|---------------------|
| a) Melting of glaciers | b) Amount of energy |
| c) Milankovitch oscillations | d) volcanism |
4. Marine pollution occurs due to
- | | |
|--|----------------------------|
| a) industrial effluents | b) disposal of solid waste |
| c) leakage of oil from exporting ships | d) burning of waste |
5. The islands in the Arabian sea are
- | | |
|---------------|--------------|
| a) Sumatra | b) Mauritius |
| c) Seychelles | d) Chagos |

D) Choose the correct option and complete the sentence.

(5)

1. P-waves can pass through _____ .
a) only solid medium b) only liquid medium
c) all mediums d) air
2. Mass movements occur continuously on all _____ .
a) plains b) plateau
c) slopes d) rivers
3. Bushmen tribe is found in _____ .
a) Tropical deserts b) Highlands
c) Ice sheet d) Tundra
4. The average temperature of earth is around _____ .
a) 10° C b) 12° C
c) 14° C d) 16° C
5. Bhopal gas tragedy of 1984 was a _____ .
a) Geological disaster b) Biological disaster
c) Anthropogenic disaster d) Tectonic disaster

Q2) Give the Geographical reasons. (Any 4)

(12)

1. People living in the Himalayas are more vulnerable to earthquake.
2. Temperature is the main factor behind granular weathering.
3. Compared to all the agents, sea waves work ceaselessly.
4. Fishing has developed in continental shelves.
5. Salinity is less in the Bay of Bengal in Indian ocean.
6. Desert biomes have thorny vegetation.

Q3) Differentiate between. (Any 3)

(9)

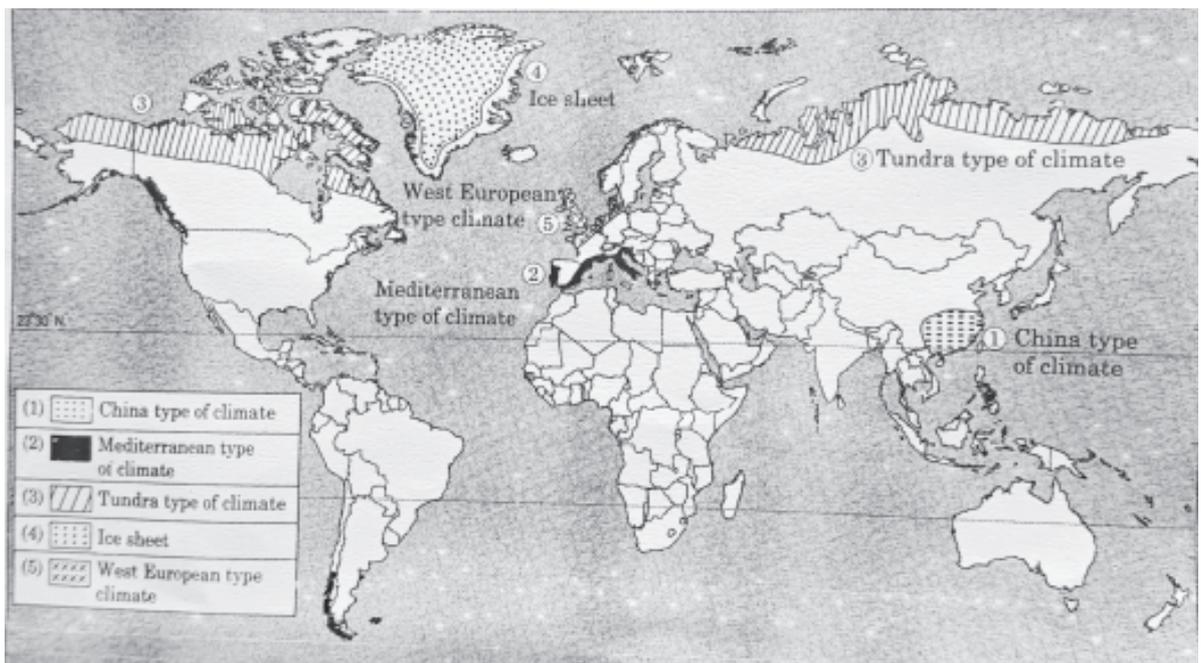
1. Mercalli scale and Richter scale
2. Attrition and Abrasion
3. Taiga and Tundra regions

4. Physical weathering and Chemical weathering
5. Slow movements and sudden movements

Q4) A) On an outline map of the world, show the following with appropriate symbols and prepare an index. (Any 6) (6)

1. Fuji
2. Amazon Basin
3. Chile and Russia
4. Mumbai High
5. Grand Banks
6. Ring of Fire
7. Sunda Trench

B) Observe the map carefully and answer the following questions. (5)



1. Name the climatic region along Mediterranean sea.
2. Name the island which has ice sheet.
3. Name the climate region along NW coast of Europe.
4. In which part of China, China type of climate is found?
5. Name the countries where Tundra type of climate is found?

Q5) Write short notes on. (Any3)

(12)

1. Exfoliation
2. Conditions necessary for work of wind
3. Tools to study Paleoclimatology
4. Oceanic tourism
5. Tropical desert biome

Q6) A) Read the following passage and answer the following

(4)

The Himalayas are the highest mountain range in the world, stretching for over 2,500 kilometers across several countries in Asia. The range is divided into three main parallel ranges: the Greater Himalayas, the lesser Himalayas and the outer Himalayas. The Himalayas were formed as a result of collision between the Indian and Eurasian tectonic plates. This process, known as continental collision, pushed up the Earth's crust to form the highest mountains in the world.

1. What is the name of the process that formed the Himalayas?
2. Which two tectonic plates collided to form the Himalayas?
3. What are the three main parallel ranges of the Himalayas?
4. How long is the Himalayan mountain range?

B) Draw neat and labeled diagram. (Any 2)

(4)

1. Biological weathering
2. Block mountain and rift valley
3. Yardangs

Q7. Answer in detail. (Any 1)

(8)

1. Explain with examples, different types of landforms produced by volcanic eruption.
2. Explain the various tools for studying climate change.



