

GREENLAWNS HIGH SCHOOL

TERMINAL EXAMINATION-YEAR 2025-26

SUBJECT: GEOGRAPHY

CLASS:X

TIME:2 HOURS

MARKS:80

DATE:30-09-2025

PART-I (30 MARKS)

Attempt all the questions from this part.

Question 1

Study the extract of the Survey of India Map, sheet No. G43S7 and answer the following questions.

[10]

- (i) a. What is Graphical scale? [2]
b. What is the advantage of this scale?
- (ii) What is the direction of Ratanpur from Shergadh? [1]
- (iii) Calculate the area of the region between 96 to 98 northings and 31 to 36 eastings. Give your answer in square kilometres. [1]
- (iv) Give the four-figure grid reference of Δ307. [1]
- (v) Give the drainage pattern in the grid 3697. [1]
- (vi) What is the main evidence which suggests that people in this region meet annually? [1]
- (vii) Identify two man-made features in Marwada. [2]
- (viii) Identify the settlement pattern in Dantiwada. [1]

Question 2

On the outline map of India provided:

[10]

- (i) Draw and label the Tropic of Cancer.
- (ii) Draw and label the South-West monsoon winds Arabian sea branch.
- (iii) Mark and name Singhbhum.
- (iv) Shade and label the Andaman Sea.
- (v) Shade and label the sparsely populated parts of northern India.
- (vi) Mark with a dot and name Delhi.
- (vii) Shade and label river Godavari.
- (viii) Shade and label Coromandel coast.
- (ix) Shade an area having Black soil.
- (x) Mark and label Garo Khasi and Jaintia hills.

Question 3

Choose the correct option.

[10]

(i) The origin of the southwest monsoon winds lies in the _____.

- a South east trade winds.
- b Southwest monsoon winds- Bay of Bengal branch.
- c Southwest monsoon winds- Arabian sea branch.
- d Northeast monsoon winds.

(ii) Which of the following is a cause of soil erosion?

- a Bad farming techniques
- b Topography
- c Nature of rainfall
- d All of the above

(iii) Tina has gone to visit her aunt in her village. When she reached the village, she observed that all the trees had shed their leaves but her aunt told her that except for this season the trees have leaves throughout the year. Name the forest area where her aunt is living.

- a Tropical evergreen forests
- b Tropical desert forests
- c Tidal forests
- d Moist deciduous forests

(iv) Inclined plane method is also known as _____.

- a Mhote method
- b Persian wheel method
- c Lever method
- d Tubewell method

(v) _____ energy is the heat energy contained in rock and fluid that fills the fractures and pores within the rock in the Earth's crust.

- a Solar
- b Wind
- c Geothermal
- d Tidal

(vi) _____ is the biggest ultra-modern seaport off India.

- a Haldia port
- b Ennore port
- c Kolkata port
- d Jawaharlal Nehru port

(vii) The two terminals of the East-West corridor are _____.
a Ahmedabad Delhi
b Porbandar and Silchar
c Mumbai and Dispur
d Srinagar to Kanyakumari

(viii) Bio degradable waste can be converted into _____.
a Soil rubber
b Compost
c Plastic
d Rural

(ix) The process of controlled high temperature oxidation of primarily organic compounds that release thermal energy and produce carbon dioxide and water is known as _____.
a Bioaccumulation
b Incineration
c Biomagnification
d Greenhouse effect

(x) Complete the analogy: Tropical desert forests: xerophytic :: Tidal forests: _____.
a have coniferous trees.
b have not been fully exploited.
c have breathing roots called Pneumatophores.
d are commercially most exploited.

PART II (50 MARKS)
(Attempt any five questions from this part.)

Question 4

(i)

a. Explain the term 'Western Disturbances'. [2]
b. In India where do the western disturbances give rainfall?

(ii)

a. What are monsoon winds? [2]
b. Name the two wind systems of the monsoon phenomena.

(iii) Give geographical reason for the following:

a. Places on a higher altitude are cooler as compared to places at the sea level.
b. The Coromandel coast receives winter rainfall.
c. Bardoli Chheerha is beneficial for Assam. [3]

(iv) Study the climatic data and answer the questions that follow: [3]

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature °c	23.8	25.0	27.7	28.3	30.2	30.3	30.4	33.3	30.0	30.3	25.5	24.2
Rainfall cm	0	0	1.1	1.5	2.1	45.3	46.5	45.4	43.3	20.1	3.0	0.1

- Calculate the annual rainfall.
- What is the annual range of temperature?
- The station has an equable climate. Justify your answer.

Question 5

(i) Differentiate between Black soil and Red soil. (On the basis of how they are formed.) [2]

(ii)

- Alluvial soil is known as Riverine soil. Give reason. [2]
- Mention two important crops grown in this soil.

(iii)

- How is laterite soil formed? [3]
- State two disadvantages of laterite soil.

(iv)

- List two regions which are worst affected by soil erosion. [3]
- Name any two methods of preventing soil erosion.

Question 6

(i) Shri has gone to his village that is next to a forest. He observes that there are sandalwood trees in the forest. With reference to this, answer the following. [2]

- Which forest is next to Shri's village?
- Under what climatic conditions do these forests develop?

(ii)

- What is Van Mahotsav? [2]
- Why is it celebrated in the first week of July?

(iii) List one use of the following trees:

- Babool tree
- Sundari tree
- Dal Dal

[3]

(iv)

- a. What is socio-forestry?
- b. List two objectives of socio-forestry.

[3]

Question 7

(i)

- a. Explain the term 'irrigation'.
- b. There is a need for development of irrigation in India. Explain.

[2]

(ii) List four modern methods of irrigation.

[2]

a. What is meant by rainwater harvesting?

[3]

b. Mention two objectives of rainwater harvesting.

(iv)

a. How are the fields irrigated by tubewells?

[3]

b. Mention two ideal conditions for drilling tubewells.

Question 8

(i) Differentiate between Haematite and Magnetite. (Based on the iron content it has.)

(ii) List two uses of Bauxite.

[2]

(iii)

a. Name the varieties of coal found in India.

[3]

b. Mention one advantage of coal.

(iv)

a. What is nuclear power?

[3]

b. Where is uranium and thorium found in India?

Question 9

(i) Railways is the most important mode of transport as compared to airways. Explain.

[2]

(ii)

a. Name the world's longest tunnel above 10,000 feet.

[2]

b. Name the two places which are connected by this tunnel.

(iii) Give geographical reasons for the following.

[3]

a. Road transport is more common in the Northern plains.

b. The rivers of the Peninsular region are not navigable.

c. Ganga is navigable from its mouth to Allahabad.

(iv) Give two advantages and one disadvantage of helicopter services over aeroplane services.

[3]

Question 10

(i) a. What does the word 'pollute' mean? [2]
b. List two sources of pollution.

(ii) List the initiatives taken for Municipal waste management by the Indian Government to improve the management of solid wastes. [2]

(iii) a. What is Open dumping? [3]
b. Give two reasons as to why open dumping is not considered an environment friendly method.

(iv) Tina has many mosquitoes and houseflies in her house. Her mother is worried that these vectors will spread diseases. With reference to the above, answer the following questions.
a. What does the term 'Vector' mean? [3]
b. List two diseases caused by these vectors.