**GREENLAWNS HIGH SCHOOL**

**TERMINAL EXAMINATION-YEAR 2023-24**

**SUBJECT: GEOGRAPHY CLASS:X**

**TIME:2 HOURS MARKS:80**

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**PART-I (30 MARKS)**

**Attempt all the questions from this part.**

**Question 1**

Study the extract of the Survey of India Map, sheet No. **G43S10** and answer the following questions.

1. a. Give the four-figure grid reference of Jorapura. [2]

b. Lime kiln in the northern part of the map.

1. What is the general direction of the flow of Sipu river? [1]
2. What is the Verbal scale of this map extract? [1]
3. Calculate the direct distance between the covered tank in Meda and the temple in [1] Agdol.
4. List one natural and one man-made feature in the four-figure grid reference 2994. [2]
5. According to you what is the main religion of the people in the above area. Justify your answer. [2]
6. Name the drainage pattern seen in grid 2297. [1]

**Question 2**

On the outline map of India provided:

1. Mark and label Aravali. [1]
2. Draw and label the Western disturbances. [1]
3. Mark and name the Karakoram Pass. [1]
4. Mark with a dot and name Srinagar. [1]
5. Mark with a dot and name Digboi. [1]
6. Draw and label the Tropic of Cancer. [1]
7. Mark and label Chilka lake. [1]
8. Shade and label river Cauvery. [1]
9. Shade and label the densely populated area in Kerala. [1]
10. Shade and label Konkan coast. [1]

**Question 3**

Choose the correct option. Do not copy the questions, write the answers only. [10]

1. Which of the following blows in the western part of India and brings heavy rainfall.
2. Western disturbances
3. Southwest monsoon winds- Bay of Bengal branch.
4. Southwest monsoon winds- Arabian sea branch**.**
5. Northeast monsoon winds.
6. Favourable conditions for the formation of laterite soil are:
7. High temperature and low rainfall
8. High temperature and heavy rainfall
9. Low temperature and heavy rainfall
10. Low temperature and low rainfall
11. The Sunderban trees belong to \_\_\_\_\_\_\_\_\_ type of forests.
12. Tidal
13. Tropical Deciduous
14. Tropical desert
15. Mountain
16. The type of vegetation found in the Tropical Desert forests is also known as
17. Xerophytic
18. Autophytic
19. Thornphytic
20. Phylophytic
21. \_\_\_\_\_\_\_\_\_\_\_\_\_ is the most common means of irrigation in the northern alluvial plains.
22. Tanks
23. Wells
24. Tube wells
25. Furrow irrigation
26. The Hirakud dam is built across the \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
27. Godavari river
28. Narmada basin
29. Mahanadi river
30. Sutlej river
31. Solar cells are also known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_ cells.
32. Supersonic
33. Photovoltaic
34. Photogenic
35. Solar voltaic
36. \_\_\_\_\_\_\_\_\_\_\_\_\_ roads constitute for 80% of the road network.
37. Rural
38. District
39. Border
40. International
41. The increase in the concentration of various toxic substances along the food chain is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
42. Bioaccumulation
43. Eutrophication
44. Biomagnification
45. Greenhouse effect
46. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the cheapest method of waste disposal.
47. Incineration
48. Recycling
49. Composting
50. Open dumping

**PART II (50 MARKS)**

**(Attempt any five questions from this part.)**

**Question 4**

1. What is meant by the season of ‘Retreating Monsoon’? [2]
2. Name the months in which Retreating Monsoon rain is experienced.
3. Define the following terms: [2]
4. October heat
5. Kal Baisakhi
6. Give geographical reasons for the following: [3]
7. Delhi is warmer than Mumbai in the summer months.
8. Punjab gets rain in winter.
9. Rajasthan receives scanty rainfall.
10. Shaina goes for a holiday to India in December. She is aware that it [3]

rains from June to September but when she lands, she experiences heavy rainfall.

Based on this, answer the following questions.

1. On which coast did she land?
2. Name the winds responsible for the rain.
3. If she had landed at the capital of India, what type of weather would she have experienced?

**Question 5**

1. Define: [2]
2. Sheet erosion
3. Leaching
4. Differentiate between Residual soil and Transported soil. [2]
5. Give geographical reasons for the following: [3]
6. Red soil is red in colour.
7. Alluvial soil is known as Riverine soil**.**
8. Black soil is known aslava soil.
9. a. What is soil erosion? [3]

b. List two causes of soil erosion.

c. List two methods for prevention of soil erosion.

**Question 6**

1. With reference to Tropical Deciduous forests, answer the following questions. [2]
2. Under what climatic conditions do they develop?
3. State two characteristics of these forests.
4. Define the following: [2]
5. Xerophytic plants.
6. Social forestry.
7. [3]
	1. How do Pneumatophores roots enable the trees to survive in Littoral forests?
	2. List any two methods undertaken for the conservation of forests.
8. Give two uses of each of the following trees. [3]
9. Neem
10. Sundari
11. Teak

**Question 7**

1. [2]
2. There is a need for development of irrigation in India. Explain.
3. List two advantages of well irrigation.
4. Differentiate between Inundation canal and Perennial canal. [2]
5. [3]
6. Tank irrigation is practised in Peninsular India. Give a reason.
7. There was an agricultural talk held in Ram’s village to create awareness about the modern methods of irrigation.
8. Name any two modern methods of irrigation which he would use on his farm.
9. State any one advantage of these methods which he could use on his farm.
10. State three objectives of rainwater harvesting. [3]

**Question 8**

1. [2]
2. Name the best quality of iron.
3. Name two states where it is found.
4. List two advantages of Geothermal energy. [2]
5. Give geographical reason for the following. [3]
6. Petroleum is known as Liquid gold.
7. Anthracite is used for domestic purposes.
8. Solar energy systems do not require much maintenance.
9. [3]
10. State one disadvantage of dam.
11. State two advantages of dam.

**Question 9**

1. [2]
2. What does NHAI stand for?
3. Name the two major projects developed by NHAI.
4. [2]
5. What was the objective of establishing the Pawan Hans Helicopter Limited?
6. List one disadvantage of airways.
7. [3]
8. Tarun wants to go to his hometown for Diwali holidays with his six months old son. It is 421 kms away. He cannot afford air transport as it is expensive. So, which transport will he use and why?
9. Give geographical reason for the following.
10. River Ganga is navigable from its mouth right up to Allahabad.
11. Air transport is indispensable.
12. [3]
13. Nava Sheva is the biggest ultra-modern seaport off Mumbai. Explain.
14. Differentiate between port and harbour. (Based on its purpose.)

**Question 10**

1. [2]
2. Define waste**.**
3. Name two sources of waste.
4. [2]
5. What are the three R’s of waste management?
6. In order to recycle plastic waste, what order did the Indian government give to the road developers.
7. Define the following. [3]
8. Global warming
9. Bioaccumulation
10. Eutrophication
11. [3]
12. What is composting?
13. State two advantages of composting.

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