

GUIDELINES

(By Subrata Sir & group of ICSE and CBSE school teachers)

Maximum Marks: 80

Geography Mock – 1

Time allowed: Two hours

Answers to this Paper must be written on the paper provided separately.

You will not be allowed to write during the first 15 minutes.

This time is to be spent in reading the question paper.

The time given at the head of this Paper is the time allowed for writing the answers.

Part I is Compulsory. All Questions from Part I are to be attempted. A total of five questions are to be attempted from Part II. The intended marks for questions or parts of questions are given in brackets [].

Part – I (30 Marks)

(Attempt all questions from this Part.)

Question 1

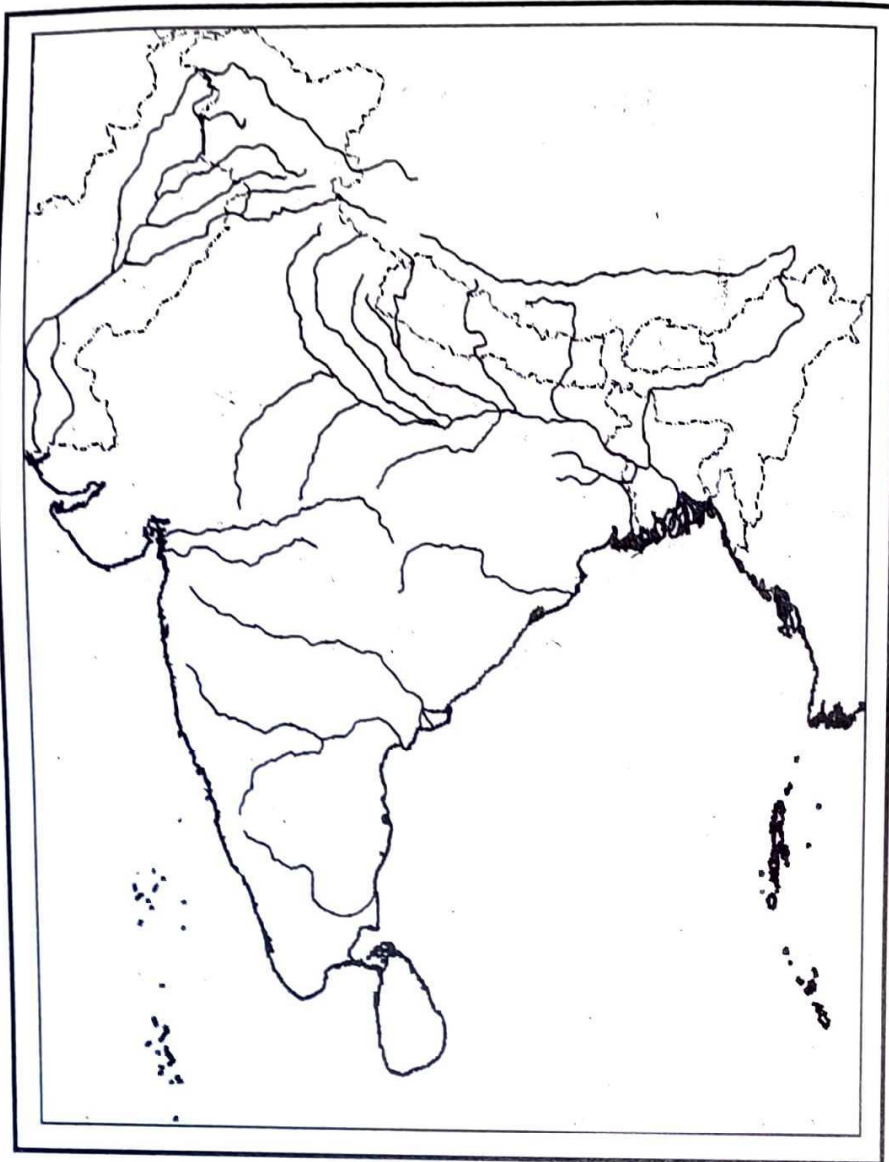
Study the extract of the Survey of India Map sheet No. G43S10 (Printed on Page No. 205) and answer the following questions (Easting 62 to 72 and Northings 29 to 39)

- (i) (a) Give the four figure grid reference of the settlement where perennial tank is found.
(b) Name two natural features in grid square 6331.
- (ii) (a) What is the pattern of drainage seen in grid square 7130?
(b) What is the pattern of settlement seen in grid square 6432?
- (iii) Calculate the area enclosed between eastings 66 to 70 and northings 31 to 35?
- (iv) What advantage does Linear scale have over Statement scale?
(1) It can be used to measure even small distances.
(2) If the map gets enlarged or reduced, during photocopying, the linear scale is also enlarged or reduced in the same ratio and remains true to the map. [2]
- (v) What do you mean by the following:
(a) 226 in grid square 6432.
(b) 4r in grid square 6834.

Question 2

On the outline map of India provided:

- (i) Draw and label the Lake Wular. [1]
- (ii) Shade and label the river Yamuna. [1]
- (iii) Shade and label Vindhya. [1]
- (iv) Shade and label Arabian Sea branch of SW monsoon winds. [1]
- (v) Mark with a dot and name Chennai. [1]
- (vi) Shade an area which has red soil in south India. [1]
- (vii) Mark and name Andaman Sea. [1]
- (viii) Mark and name Jharia. [1]
- (ix) Mark and label Nathu La pass. [1]
- (x) Shade and label the Standard Meridian of India. [1]



Question 3

Choose the correct answer.

- (i) _____ is the moisture laden wind that blow towards Malabar during Pre- monsoon period. [1]
 - (a) Western Disturbance
 - (b) Loo
 - (c) Kal Baisakhi
 - (d) Cherry Blossom
- (ii) Sheet erosion is common in the: [1]
 - (a) Chambal basin
 - (b) Brahmaputra basin
 - (c) Rajasthan
 - (d) Hilly region
- (iii) _____ and _____ crops are associated with laterite soil. [1]
 - (a) Cotton and sugarcane.
 - (b) Tapioca and rubber.
 - (c) Maize and Tapioca.
 - (d) Tea and Coffee
- (iv) Which are the most widespread forests of India? [1]
 - (a) Tropical Rain forests
 - (b) Tropical Thorn forest
 - (c) Tropical Deciduous forests
 - (d) Littoral forests
- (v) _____ is the oldest oilfield of India. [1]
 - (a) Mumbai High
 - (b) Nunmati.
 - (c) Digboi.
 - (d) Karanpura
- (vi) Cultivation of crops and animal rearing is a feature of [1]

- (a) Intensive farming (b) Plantation farming (c) Mixed farming (d) Commercial farming. [1]
- (vii) _____ Industries are also known as basic industry. [1]
- (a) Iron and steel Industry (b) Electronic Industry
(c) Defense Industry (d) Petrochemical Industry
- (viii) Rourkela Steel Plant obtain its water supply from _____. [1]
- (a) River Subernrekha (b) River Sankh (c) River Mahanadi (d) River Kopili
- (ix) _____ National waterway number one connects. [1]
- (a) Allahabad and Haldia (b) Sadiya and Dibrugarh.
(c) Haldia and Sadiya. (d) Varanasi and Dibrugarh.
- (x) _____ is an eco-friendly method of disposing garbage. [1]
- (a) Dumping. (b) Compositing. (c) Segregation (d) Recycling.

Part – II (50 Marks)

(Attempt any five questions from this Part.)

Question 4

- (i) (a) Name the pressure condition in India during summer.
(b) Mention any two factors responsible for it.
- (ii) Explain how Himalaya affect the climate of India.
- (iii) Give a geographical reason for each of the following:
(a) Annual range of temperature is lower in Kochi than Coimbatore though both are close to the equator.
(b) Kalbaisakhis are beneficial local winds.
(c) The western disturbance bring almost no rain in major part of India. [3]
- (iv) Study the climatic data and answer the following questions:

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Temp. °C	23.6	25.0	27.7	28.3	30.2	30.3	30.4	30.3	30.0	30.3	25.5	24.2
Rainfall (cms.)	16.5	14.3	–	–	–	2.3	6.5	2.4	3.3	0.1	16.2	19.2

- (a) Calculate the annual range of temperature. [3]
(b) What is the annual rainfall?
(c) On which coast is the station located?

Question 5

- (i) Differentiate between alluvial and red soil. [2]
(ii) Name the following:
(a) This soil is hardens like a stone when dry.
(b) This soil is found in the north Indian plains.
(c) This soil is classified into Khadar and bhangar.
(d) When heavy rainfall creates grooves and bed rock to erode the soil.
- (iii) Give geographical reasons for the following:
(a) Alluvial soil is ex situ soil.
(b) Laterite soils are generally infertile.
(c) It's difficult to plough black soil after two three rains.

- (iv) *What is Soil Conservation? Mention any two measures taken to prevent erosion in Ganga-Brahmaputra valley.* [3]

Question 6

- (i) *Mention any two characteristics of Tropical deciduous forests.* [2]
(ii) *Name the forest which is found in the delta regions. Name two trees found here and state their uses.* [2]
(iii) *Give geographical reasons for the following:* [3]
(a) *Desert plants have reduced or no leaves.*
(b) *Forests must be planted on mountain slopes.*
(c) *Tropical deciduous forests are commercially difficult to exploit.*
(iv) *State various roles of forests.*

Question 7

- (i) *Mention two conditions necessary for the construction of tubewells.* [2]
(ii) *Define* [2]
(a) *Roof top rainwater harvesting.*
(b) *Inundation canals.*
(iii) *Mention one advantage of sprinkler and two disadvantages of wells.* [3]
(iv) *Mention three ways by which you as an individual can reuse and conserve water.* [3]

Question 8

- (i) *Mention one advantage of solar energy and one disadvantage of petroleum found in India.* [2]
(ii) *Name two states where manganese is found in India. Mention one use of it.* [2]
(iii) *Mention two advantages of using biogas over petroleum.* [3]
Name an area where abundant wind energy is harnessed.
(iv) *What are the advantages of using solar energy?* [3]

Question 9

- (i) *Mention any two problems of Indian agriculture.* [2]
(ii) *Differentiate between Kharif season and Rabi season* [2]
(iii) *With reference to rice cultivation answer the following:* [3]
(a) *Name a state that produces the largest quantity of tea.*
(b) *Mention any two geographical conditions necessary for its growth.*
(c) *Which is the best method for its cultivation?*
(iv) (a) *Mention two reasons why sugarcane cultivation is gaining importance in Peninsular India.* [3]
(b) *State one problem of sugarcane growers of Bihar.*

Question 10

- (i) (a) *Explain the terms:* [2]
Cottage Industry.
(b) *Joint Sector Industry.*
(ii) *Bangalore is termed as Silicon Valley of India. Explain.* [2]
(iii) *From where Rourkela Steel gets its supply of coal, water and power from?* [3]
(iv) (a) *Differentiate between Synthetic fibre and Natural fibre.* [3]
(b) *The first public sector steel plant in India.*

Question 11

- (i) *State the advantage of North South East West Corridor.(NSEW)* [2]
- (ii) *State the importance of transport in overall development of a nation. (Two points)* [2]
- (iii) *Mention two advantages of waterways and one disadvantage of roaways.* [3]
- (iv) (a) *Name the terminal stations of Golden quadrilateral.* [3]
(b) *Name the largest and busiest airport in India.*
(c) *Name the state where there is highest density of national Highways.*

Question 12

- (i) *Give two reasons why we need to manage our waste?* [2]
- (ii) *Mention one advantages of composting and one disadvantage of open dumping.* [2]
- (iii) *Give reasons for the following:* [3]
 - (a) *We should ban the use of plastics.*
 - (b) *Recycling must be encouraged.*
 - (c) *People's participation is necessary in waste management.*
- (iv) (a) *What is Anaerobic composting? State its one advantage and one disadvantage.* [3]
(b) *What do you mean by sanitary landfill?*