

**ICSE Board  
Class X Geography  
Semester 1 Examination  
H.C.G. Paper 2  
Board Paper – 2021**

**Time: 90 Minutes**

**Total Marks: 40**

*Maximum Marks: 40*

*Time allowed One and a half hours*

*You will not be allowed to write during the first 10 minutes*

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

**ALL QUESTIONS ARE COMPULSORY.**

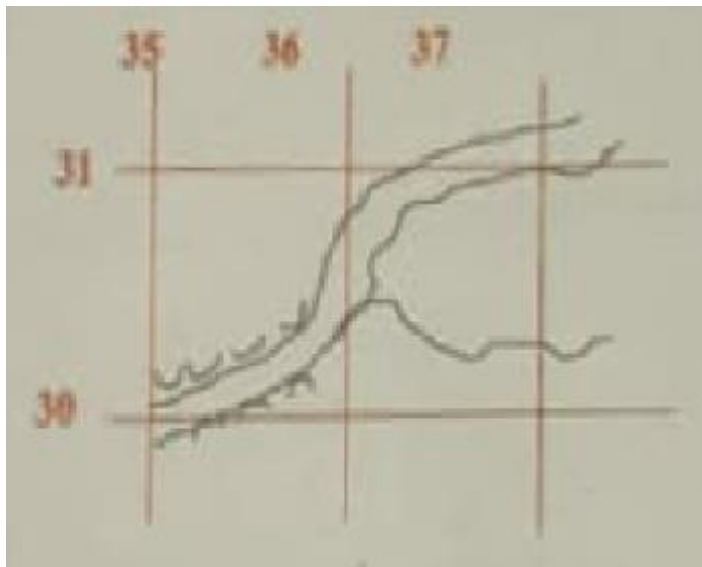
*The intended marks for questions or parts of questions are given in brackets [ ]*

**Select the correct option for each of the following questions.**

**Question 1**

Refer to the image and answer the questions that follows:

[1]



What do the black curved line in 3530 indicate?

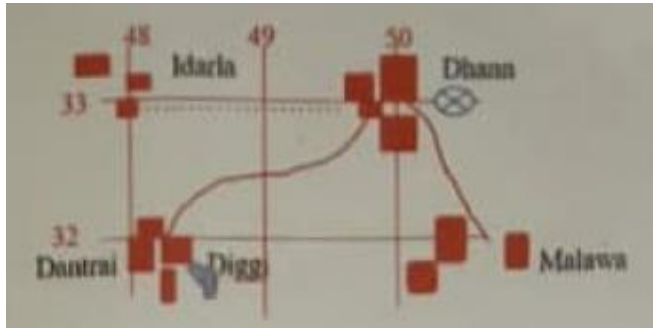
- (a) Open Scrub
- (b) Dry land.
- (c) Broken ground
- (d) Seasonal Stream



#### Question 4

Refer to the image and answer the questions that follows:

[1]



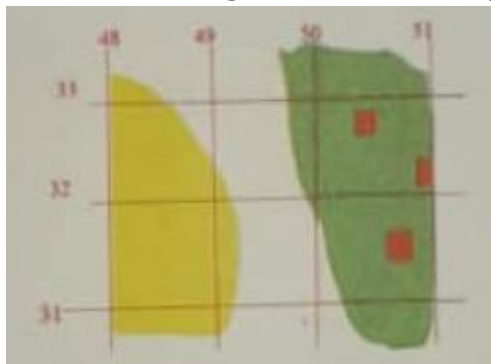
What mode of transport is used by the people of Malawa and Dantrai?

- (a) Foot Path
- (b) Cart track
- (c) Pack Track
- (d) Railway

#### Question 5

Refer to the image and answer the questions that follows:

[1]



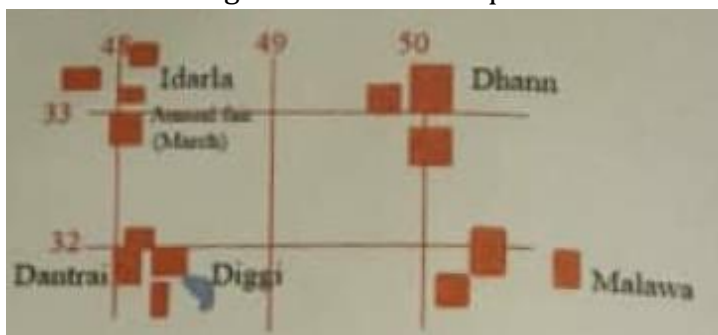
What is the main occupation of the people living in the area shown on the eastern part?

- (a) Mining
- (b) Agriculture
- (c) Forestry
- (d) Sheep rearing

#### Question 6

Refer to the image and answer the questions that follows:

[1]



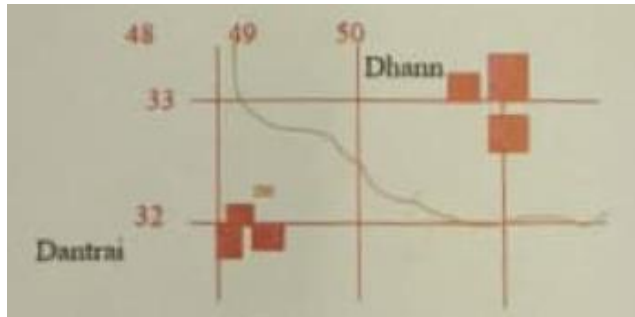
What is the social significance of Idarla?

- (a) Idarla is larger than other settlements.
- (b) Idarla is closer to Dantrai.
- (c) Annual fair at Idarla.
- (d) Idarla is the largest settlement.

### Question 7

Refer to the image and answer the questions that follows:

[1]



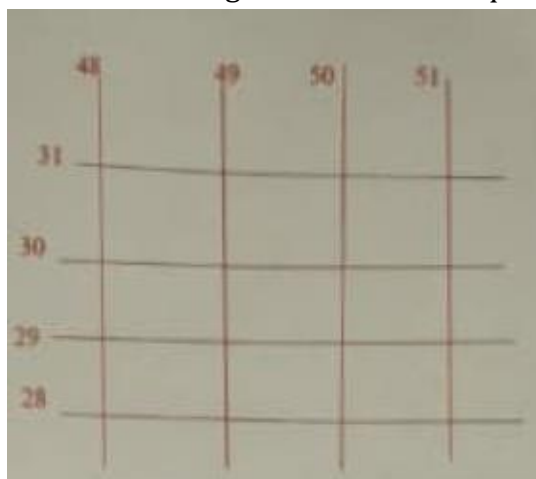
What does the number 200 in grid square 4932 represent?

- (a) A line of latitude.
- (b) A line of longitude.
- (c) Contour height.
- (d) Spot height.

### Question 8

Refer to the image and answer the questions that follows:

[1]



With reference to the scale given on topographical map (2cm = 1 km), what is the area of the land enclosed between 48 to 50 easting and 28 to 31 northings?

- (a) 06 sq. m.
- (b) 06 sq. km.
- (c) 60 sq. km.
- (d) 60 sq. m.

**Question 9**

What does nearness of contour lines indicate? [1]

- (a) It indicates steep slope.
- (b) It indicates gentle slope.
- (c) It indicates desert area.
- (d) It indicates irregular area.

**Question 10**

Which scale out of the following that is printed in the topographical map, is considered a special scale? [1]

- (a) Statement Scale.
- (b) Representative fraction.
- (c) Linear Scale.
- (d) Graphical Scale.

**Question 11**

With Reference to winter rain in India answer the following:

i. Western disturbances provide rain to which of the following States? [1]

- (a) Punjab
- (b) Sikkim
- (c) West Bengal
- (d) Maharashtra

ii. Which of the following cause rain to Coromandel Coast? [1]

- (a) Retreating Monsoon
- (b) Kal Baisakhi
- (c) Western disturbances
- (d) South west Monsoons.

**Question 12**

Westerly depressions are active in India during which of the following months? [1]

- (a) Between September and November
- (b) Between December and January
- (c) Between June and September
- (d) Between March and May

**Question 13**

Study the following data and answer the questions that follows:

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC
TEMP (°C)	23.1	24.2	26.5	29.3	32	32.8	33.1	32.1	30.5	29.3	28.7	26.1
RAIN (cm)	15.3	10.1	0.3	0.1	1.3	4.5	6.1	10.2	10.5	20.1	16.8	19.0

- i. What is the annual range of temperature experienced by the station? [1]
- (a) 20° C
  - (b) 10° C
  - (c) 16° C
  - (d) 21° C

- ii. Which according to the given data is the driest month? [1]
- (a) March
  - (b) April
  - (c) May
  - (d) June

**Question 14**

- Why is the central part of Deccan plateau a dry area? [1]
- (a) It is away from the sea.
  - (b) There is no barrier in the path of rain bearing wind
  - (c) It is due to Jet Streams
  - (d) It is a rain shadow area of Western Ghats.

**Question 15**

- Why does Patna get more rain than Agra during the summer monsoon season? [1]
- (a) Patna lies on windward side
  - (b) Patna is on western side so Arabian Sea branch brings more rain to it than to Agra
  - (c) Patna is on eastern side, So Bay of Bengal branch brings more rain to it than to Agra
  - (d) Patna gets rain throughout the year

**Question 16**

- Which of the statement is not correct for Indian monsoon? [1]
- (a) It is erratic in nature.
  - (b) It is seasonal in nature.
  - (c) Most of the rain is in winter time
  - (d) Most of the rain is orographic or relief type.

**Question 17**

- With reference to methods of prevention of soil erosion answer the following: [1]
- i. Name the method used to prevent soil erosion by running water.
- (a) Terrace farming
  - (b) Strip cropping
  - (c) Shelter belts
  - (d) Leaving the land fallow

- ii. Name the method used to prevent soil erosion by wind. [1]
- (a) Contour ploughing
  - (b) Strip cropping
  - (c) Plugging of gullies
  - (d) Use of fertilizer

**Question 18**

- i. Name the soil that is found in central Deccan plateau? [1]
- (a) Black Soil
  - (b) Alluvial Soil
  - (c) Red Soil
  - (d) Laterite Soil
- ii. How is the soil named by you in (i) above formed? [1]
- (a) Formed by the deposition of silt brought down by river.
  - (b) Formed by the weathering of lateritic rocks.
  - (c) Formed by the Weathering of basic lava rocks.
  - (d) Formed by the weathering of metamorphic rocks.

**Question 19**

- Why is Laterite soil used in Goa and Kerala for the construction of houses? [1]
- (a) It became hard when dry.
  - (b) This soil is generally coarse in texture and process in nature.
  - (c) It has more of clay content in it.
  - (d) It looks beautiful when used in buildings.

**Question 20**

- Why are the foothills of Himalayas prone to excessive soil erosion? [1]
- (a) Absence of crop cover.
  - (b) Too much of development of transportation.
  - (c) Large scale deforestation in past.
  - (d) Tourists are spreading pollutants in river.

**Question 21**

- Name the soil that possesses the following characteristics: [1]
- (i) Soil is generally confined to river basins.
- (a) Black Soil
  - (b) Alluvial Soil
  - (c) Red Soil
  - (d) Laterite Soil

- i. Soil that becomes infertile because of desilication. [1]
- (a) Black Soil
  - (b) Alluvial Soil
  - (c) Red Soil
  - (d) Laterite Soil

**Question 22**

- The productive functions of forest include: [1]
- (a) Habitual for the wildlife.
  - (b) Control the water flow.
  - (c) Provide various products such as timber. Fuel wood, leaves, etc.
  - (d) Producing oxygen.

**Question 23**

- Which of the following pairs is correctly matched? [1]
- (a) Babool – Tropical evergreen forest
  - (b) Sandalwood – Tropical deciduous forest
  - (c) Cinchona – Mountain Forest
  - (d) Sal – Tidal forest

**Question 24**

- Name the type of Natural Vegetation that is found in the windward side of the Western Ghats: [1]
- (a) Tropical Evergreen
  - (b) Tropical Deciduous
  - (c) Mangrove Forest
  - (d) Mountain Forest

**Question 25**

- Which of the following is NOT a characteristic of desert vegetation? [1]
- (a) Short stunted growth of vegetation
  - (b) Thick fleshy stem
  - (c) Broad leaves
  - (d) Long and deep roots

**Question 26**

- Why do we need forest conservation? [1]
- (a) Forests provide food for growing population.
  - (b) Forests help in earning foreign exchange.
  - (c) Forests help in maintaining ecological balance.
  - (d) Forests look beautiful.



**Question 27**

During which month do we celebrate VAN MAHOTSAV every year in India? [1]

- (a) In December to February time period.
- (b) In July to September time period.
- (c) In March to May time Period.
- (d) In November to January time period.

**Question 28**

What is the term used to describe the growing of trees in various part of the country? [1]

- (a) Re afforestation.
- (b) Deforestation.
- (c) Agronomy.
- (d) Afforestation.

**Question 29**

Why is there a need no conserve water in India? [1]

- (a) A lot of water is polluted
- (b) No water is found below the land in India
- (c) Water is in abundance in India
- (d) We receive lot of rain in summer

**Question 30**

What are the advantages of rain water harvesting? [1]

- (a) Recharge of ground water and conservation of water
- (b) Provide water through canals to the farms and its conservation
- (c) It helps in harvesting of crops and its storage
- (d) Provide water for multinational companies to produce packaged drinking water.

**Question 31**

Why is canal irrigation more popular in Northern Plains? [1]

- (a) The surface of land is almost flat and soft soil is easy to dig.
- (b) To supply water to a number of cities in the plain area.
- (c) Rocky surface of the plain in their construction.
- (d) Rivers are seasonal and so canals are needed.

**Question 32**

Which of the following is correctly matched? [1]

- (a) Tube well – Karnataka
- (b) Tank – Punjab
- (c) Lined well – Uttar Pradesh
- (d) Canal – Mizoram

**Question 33**

Which of the following is NOT a suitable condition for the development of tank irrigation?

- (a) Presence of natural depressions.
- (b) Permeable rock structure.
- (c) Plenty of rain in rainy period.
- (d) Hard subsurface rock structure.

**Question 34**

Which among the following is a ground water source?

[1]

- (a) Spring
- (b) Pond
- (c) River
- (d) Lake

**Question 35**

What is the importance of “DRIP IRRIGATION”?

[1]

- (a) It is an ultra-modern system of irrigation.
- (b) It is cheaper than other sources.
- (c) It can irrigate more area with less usage of water.
- (d) It is used by almost all farmers in India.

# Solutions

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**Answer 1**

(c) Broken ground

**Answer 2**

(a) North east

**Answer 3**

(a) Relative height of 7 meters

**Answer 4**

(b) Cart track

**Answer 5**

(c) Forestry

**Answer 6**

(c) Annual fair at Idarta

**Answer 7**

(c) Contour Height

**Answer 8**

(b) 06 Sq Km

**Answer 9**

(a) It indicates steep slope

**Answer 10**

(b) Representative Fraction

**Answer 11**

(i) (a) Punjab

(ii) (a) Retreating Monsoon

**Answer 12**

(b) Between December and January

**Answer 13**

- (i) (b) 10°C
- (ii) (b) April

**Answer 14**

- (d) It is a rain shadow area of the Western Ghats.

**Answer 15**

- (c) Patna is on the eastern side, so the Bay of Bengal branch brings more rain to it than to Agra.

**Answer 16**

- (c) Most of the rain is in winter time.

**Answer 17**

- (i) (a) Terrace farming
- (ii) (b) Strip cropping

**Answer 18**

- (i) (a) Black soil
- (ii) (c) Formed by the weathering of basic lava rocks.

**Answer 19**

- (a) It becomes hard when dry.

**Answer 20**

- (c) Large scale deforestation in the past.

**Answer 21**

- (i) (b) Alluvial soil
- (ii) (d) Laterite soil

**Answer 22**

- (c) Provides various products such as timber, fuel wood, leaves etc.

**Answer 23**

- (b) Sandalwood- Tropical deciduous forest

**Answer 24**

- (a) Tropical Evergreen

**Answer 25**

- (c) Broad leaves

**Answer 26**

- (c) Forests help in maintaining ecological balance.

**Answer 27**

- (b) In July to September time period.

**Answer 28**

(d) Afforestation

**Answer 29**

(a) A lot of water is polluted.

**Answer 30**

(a) Recharge of groundwater and conservation of water.

**Answer 31**

(a) The surface of land is almost flat and soft soil is easy to dig.

**Answer 32**

(c) Lined well- Uttar Pradesh

**Answer 33**

(b) Permeable rock structure.

**Answer 34**

(a) Spring

**Answer 35**

(c) It can irrigate more area with less usage of water.