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PRELIMINARY EXAMINATION DECEMBER '20

GEOGRAPHY (H.C.G. Paper 2)

Reading Time : 1:15 p.m. to 1:30 p.m.
Writing Time : 1:30 p.m. to 3:30 p.m.
Uploading Time : 3:30p.m. to 4:15 p.m.
Marks: 80
Date: 18 .12.'20

- *All answers to be written in the JNS notebook.*
- *On top of each page write:*
First Line:
First and Last Name: _____ Class and Division: _____ Roll No.: _____
Second Line:
Subject: _____ Date: _____ Page No.: _____
- *On the first page write the Total No. of Pages used: _____*
- *Do not copy the questions.*
- *Take pictures of the written pages using “Scanbot App” or “Adobe Scan App” and save as “.pdf”. Upload the .pdf file on Edusprint.*
- *Only when you have completed uploading the document, click the “FINISH” button.*

This paper consists of 7 printed pages.

(Two hours)

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

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.

Attempt **seven** questions in all.

Part I is compulsory. All questions from **Part I** are to be attempted.

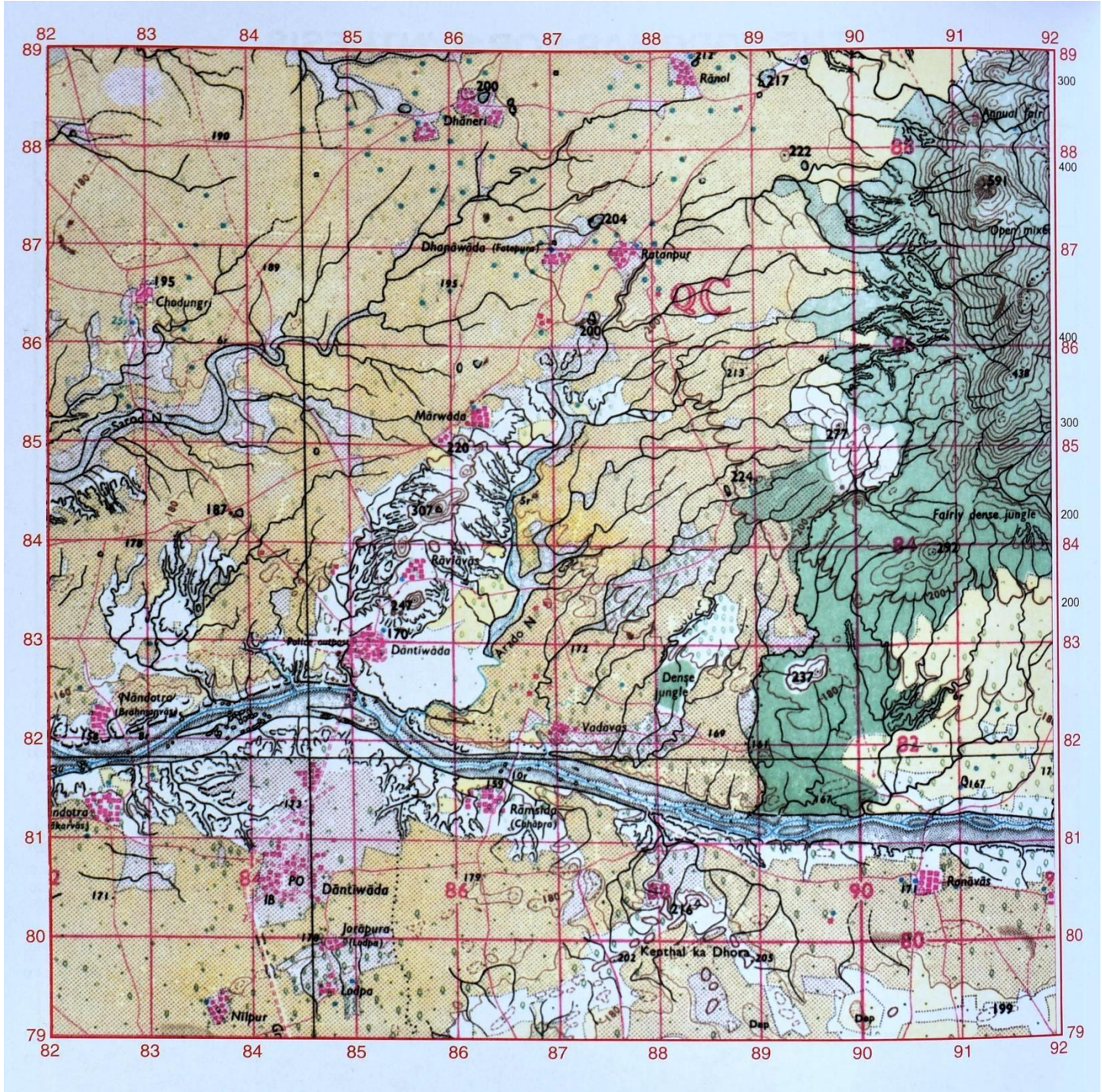
A total of **five** questions are to be attempted from **Part II**.

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 [1991]** map and answer the following questions:

- a) Give the *four-figure grid reference* for: [2]
(i) The settlement of Dhaneri.
(ii) Post office near Dantiwada.
- b) Name the following: [2]
(i) The drainage pattern seen in grid 8387.
(ii) The pattern of settlement seen in grid 8886.
- c) (i) Name the most important means of communication seen on the [2]
map extract.
(ii) What is the mode of transport?
- d) Give any two evidence to show that the region shown on the map extract receives [2]
seasonal rainfall.
- e) Mention two manmade features seen in grid 8387. [2]
- f) Calculate the area of the region between Eastings 82-88 and [2]
Northings 80-86.
- g) (i) Mention the type of stream see in grid 8487. [2]
(ii) Give the compass direction of Marwada from Ratanpur.
- h) (i) In which stage is the Main river on the map extract? [2]
(ii) Give an evidence to prove that the river is seasonal.
- i) What is the main occupation of the people as seen on the map extract? [2]
Give a reason for the same.
- j) (i) Name a natural vegetation seen on the map extract. [2]
(ii) What is the contour Interval of the map extract?



Question 2

On the Outline map of India:

- (a) Mark and label the river Godavari. [1]
- (b) Mark in brown and label the Aravalli range. [1]
- (c) Mark and label the winds that bring rainfall to Mumbai. [1]
- (d) Mark and label the Western ghats. [1]
- (e) Shade and label the Malabar coasts. [1]
- (f) Mark and label Mt Godwin Austin (K2). [1]
- (g) Shade and label Thar desert. [1]
- (h) Mark and label Lake Chilka. [1]
- (i) Mark and label the river Brahmaputra. [1]
- (j) Mark in brown and label the Nilgiris. [1]

PART II (50 Marks)

Attempt *any five* questions from *this Part*.

Question 3

- a) Mention any two important characteristic features of Indian monsoon. [2]
- b)
 - i) Why are the south west monsoons orographic in nature. [1]
 - ii) Name the type of climate that prevails over India. [1]
- c)
 - i) Why are summer monsoons more powerful than winter monsoons? [2]
 - ii) Why does the Coromandel coast not receive any rainfall from the Bay of Bengal branch? [1]
- d) Give a geographical reason for each of the following: [3]
 - i) Simla is cooler than Agra.
 - ii) Mumbai receives more rainfall than Nagpur.
 - iii) The Northern Plains are extremely hot in Summer.



Question 4

- a) Explain the following terms: [2]
- i) Transported soil
 - ii) In situ soil
- b) i) What is leaching? [2]
- ii) Mention any two methods to conserve soil on hill slopes.
- c) Differentiate between the following: [2]
- i) Khadar and Bangar
 - ii) Soil erosion and Soil conservation
- d) Give a geographical reason for each of the following: [4]
- i) Black soil is also called lava soil.
 - ii) Despite its drawbacks Red soil can still be used for cultivation. [2 reasons]
 - iii) Topsoil is the most important layer of soil.

Question 5

- a) (i) Explain why Evergreen forests are so called? [2]
- (ii) Why are they difficult to exploit?
- b) Why are Deciduous forests commercially important? [2]
- c) How is the vegetation in desert areas able to withstand the harsh conditions? [2]
- d) i) Give two reasons for rapid decline in forest cover in India. [2]
- ii) Differentiate between afforestation and reforestation. [2]

Question 6

- a) i) Name the state which is the largest producer of mineral oil. [2]
- ii) Mention one condition required for harnessing wind energy.
- b) i) Differentiate between Hematite and Magnetite iron ore. [2]
- ii) Name the largest coal field of India.



- c) i) Name an oil refinery in the Private Sector at Jamnagar. [2]
ii) Name the oldest oilfield in India.
- d) Give a geographical reason for each of the following: [4]
i) Manganese and limestone are used in the iron and steel industry.
ii) Anthracite coal is the best variety of coal.
iii) India has great potential for harnessing solar energy.
iv) It is imperative that we harness non-conventional sources of energy.

Question 7

- a) Why are canals widely used as a form of irrigation in the Northern plains? [2]
b) State two disadvantages of canal irrigation. [2]
c) i) Mention two advantages of rainwater harvesting. [3]
ii) What is the main aim of multipurpose projects?
d) Give a geographical reason for each of the following: [3]
i) Well irrigation is most popularly used by farmers.
ii) Despite receiving rainfall irrigation is important for India.
iii) Drip irrigation is beneficial.

Question 8

- a) State two benefits of the Golden Quadrilateral project. [2]
b) i) Mention two advantages of roadways. [2]
ii) Why do many people not use airways? [1]
c) Name the following: [3]
i) The headquarters of Western Railways
ii) Two gauges based on width of the railway tracks
iii) An expressway in Maharashtra
d) State two disadvantages of waterways. [2]



Question 9

- a) What are the 3 Rs of Waste Management? [2]
- b) i) What do you understand by 'segregation of waste'? [2]
ii) Mention one advantage and one disadvantage of open dumping. [2]
- c) Mention any two steps that should be taken by the municipal authorities while collecting solid wastes. [2]
- d) Explain how waste can be reused with two sensible examples. [2]

