



**JANKIDEVI**  
PUBLIC SCHOOL

PRELIMINARY EXAMINATION 2018-2019

GEOGRAPHY

HCG Paper-2

Grade: X

Time: 2 Hours

Date: 08.01.2019

Marks: 80

*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.*

*Attempt seven questions in all.*

*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 [ ].*

*This paper consists of three printed pages. Nothing should be written on the question paper.*

*To be supplied with this paper: Survey of India Map Sheet No. 45D/07 and 20 cm of twine.*

**Note:-**

- (i) *In all map work, by a wise use of arrows to indicate positions of countries, cities and other insertions that you make, you will be able to avoid overcrowding parts of the map.*
- (ii) *The extract of Survey of India Map Sheet No. 45D/10 must not be taken out of the examination hall. It must be handed over to the Supervising Examiner on completion of the Paper.*
- (iii) *The Map provided to you must be fastened to your answer booklet.*
- (iv) *All sub-sections of each question must be answered in the correct order.*
- (v) *All working including rough work should be done on the same answer sheet as the rest of the answers.*

**PART – I (30 Marks)**

*Attempt all questions from this part.*

**Question: 1**

- Study the extract of Survey of India Map Sheet Number. 45D/10 and answer the following questions:

- a) Give the six figure grid reference of:
  - i) Deserted temple
  - ii) Temporary hut in the North West .[2]
- b) Identify the drainage pattern in the grid square 2104 and 2302 [2]
- d) State the meaning of RF and Fireline. [2]
- e) What do you understand by:
  - i) Black vertical line
  - ii) Falls 25m.[2]
- f) Identify the slope shown in grid 1508 and 2104. [2]
- g) Find the distance from the causeway at Vajna to the unlined well in 1802 in metres. [2]
- h) List the types of vegetation found in the map? [2]
- i) Find the area enclosed between eastings 15 to 21 and northings 06 to 11. [2]
- j) State the direction of Bageri from .443 and Kodra reservoir. [2]
- k) Identify the settlement pattern in grid 1602 and 1703. [2]

Continued on Page 2

**Question: 2**

On the outline map provided:

- a) Shade and label the river Godavari. [1]
- b) Mark and label the Indian standard meridian. [1]
- c) Shade a region with laterite soil in eastern India. [1]
- d) Mark with a dot and name Chandigarh [1]
- e) Mark and label the Konkan coast. [1]
- f) Mark and label Palk Strait. [1]
- g) Mark and label a State with Sparse population in western India. [1]
- h) Mark and name the winds that bring winter rainfall to Tamilnadu. [1]
- i) Mark and label the Western Ghats [1]
- j) Name and print I where iron is mined [1]

**PART- II (50 Marks)***Attempt any five questions from this part.***Question: 3**

- a) Why Himalayas are called as a climatic barrier? [2]
- b) What are jet streams? State their significance. [2]
- c) Give geographical reasons for the following: [3]
  - (i) In spite of the Aravalli's, Thar is a desert.
  - (ii) Patna gets more rainfall compared to Delhi.
  - (iii) A cricket match to be held in the month of November at Vishakhapatnam was cancelled.
- d) Study the data provided below and answer the questions. [3]

Station	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	Temp (°C)	23.1	24.8	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) Calculate the range of temperature.
- (ii) Calculate the rainfall in the summer monsoon season.
- (iii) Why does the station get more rains in winter?

**Question: 4**

- a) Explain the terms loam and riverine Soil. [2]
- b) (i) How is black soil formed? [1]
  - (ii) Why does it absorb moisture? [1]
- c) (i) Name the largest soil found in India. [1]
  - (ii) Why is it tillable? Name two fibre crops grown in it. [2]
- d) (i) Why khadar is more fertile than bangar soil? [1]
  - (ii) Which soil considered suitable for building purposes? [1]
  - (iii) Name the soil found in the crystalline rocky regions of south India. [1]

**Question: 5**

- a) (i) Why do the tropical deciduous shed their leaves? [1]
  - (ii) Why it is difficult to exploit the tropical evergreen forest? [1]
- b) Mention two accessory functions of the forest. [2]
- c) (i) State two climatic conditions for tropical thorn forest. [2]
  - (ii) Define social forestry. [1]
- d) (i) Why are the Sundarbans so called? [1]
  - (ii) Forests play a very important role in the carbon cycle. [2]

Continued on Page 3

**Question: 6**

- a) Explain two factors which make Canal irrigation popular in Punjab. [2]
- b) State two disadvantages of well irrigation. [2]
- c) (i) How is the nature of soil in India a prerequisite for irrigation? [2]  
(ii) List one storing mechanism each in Western Himalayas and Central India. [1]
- d) (i) What do you mean by the term groundwater? [1]  
(ii) State two disadvantages of modern means of irrigation. [2]

**Question: 7**

- a) Name the best quality of iron ore. Name an important state where it is found. [2]
- b) Name two areas in Madhya Pradesh where copper is found. [2]
- c) (i) List two disadvantages of coal found in India. [2]  
(ii) Which variety of coal is found in Kashmir? [1]
- d) (i) Why are the refineries located on the coast? [2]  
(ii) On which river is Hirakund dam located? [1]

**Question: 8**

- a) State the importance of agriculture in the Indian economy. [2]
- b) Define the term cereals and millets. [2]
- c) (i) What is retting? Name two areas of East India where jute is grown. [2]  
(ii) Name the best variety of coffee. [1]
- d) (i) Why wheat is grown in northern plains. Explain. [2]  
(ii) What are oilcakes? List one use of it. [1]

**Question: 9**

- a) Why sugar industry is migrating to South Explain. [2]
- b) Which State is the leading producer of silk and why [2]
- c) With reference to Rourkela iron and steel plant: [3]  
(i) From where does it obtain its supply of iron ore and power supply?  
(ii) From where does it get its water supply?
- d) (i) State two advantages of mini steel plants. [2]  
(ii) State the use of pressmud. [1]

**Question: 10**

- a) State the economic benefits of Golden Quadrilateral. [2]
- b) List two disadvantages of railways. [2]
- c) (i) Why was the Pawan Hans established. [2]  
(ii) Name the port at the entrance of Zuari River? [1]
- d) (i) River Ganga is navigable from its mouth to Allahabad. Explain why. [2]  
(ii) State the full form of AAI. [1]

**Question: 11**

- a) (i) Explain the term Pollution. [1]  
(ii) What causes sleeping sickness? [1]
- b) List two methods by which we can reduce waste. [2]
- c) (i) Oil spills are a great threat to marine life? [1]  
(ii) State the advantages of sanitary landfills. [2]
- d) (i) What causes Eutrophication? [1]  
(ii) List the effects of toxins on plants and trees. [2]

\*\*\*\*\*