

This Question Paper consists of 46 questions and 15 printed pages.
इस प्रश्न-पत्र में 46 प्रश्न तथा 15 मुद्रित पृष्ठ हैं।

Roll No. अनुक्रमांक

Code No. 71/SS/316

कोड नं.

SET/सेट-

D1

GEOGRAPHY भूगोल (316)

Day and Date of Examination
(परीक्षा का दिन व दिनांक)

Signature of Invigilators :
(निरीक्षकों के हस्ताक्षर)

1. _____
2. _____

General Instructions :

- Candidate must write his/her Roll Number on the first page of the Question Paper.
- Please check the Question Paper to verify that the total pages and total number of questions contained in the Question Paper are the same as those printed on the top of the first page. Also check to see that the questions are in sequential order.
- Making any identification mark in the Answer-Book or writing Roll Number any where other than the specified places will lead to disqualification of the candidate.
- Write your Question Paper Code No. 71/SS/316, Set - [D1] on the Answer-Book
- (a) The Question Paper is in English/Hindi medium only. However, if you wish, you can answer in any one of the languages listed below :
English, Hindi, Urdu, Punjabi, Bengali, Tamil, Malayalam, Kannada, Telugu, Marathi, Oriya, Gujarati, Konkani, Manipuri, Assamese, Nepali, Kashmiri, Sanskrit and Sindhi.
You are required to indicate the language you have chosen to answer in the box provided in the Answer-Book.
(b) If you choose to write the answer in the language other than Hindi and English, the responsibility for any errors/mistakes in understanding the question will be yours only.

सामान्य अनुदेश :

- परीक्षार्थी प्रश्न-पत्र के पहले पृष्ठ पर अपना अनुक्रमांक अवश्य लिखें।
- कृपया प्रश्न-पत्र को जाँच लें कि प्रश्न-पत्र के कुल पृष्ठों तथा प्रश्नों की उतनी ही संख्या है जितनी प्रथम पृष्ठ के सबसे ऊपर छपी है। इस बात की जाँच भी कर लें कि प्रश्न क्रमिक रूप में हैं।
- उत्तर-पुस्तिका में पहचान-चिह्न बनाने अथवा निर्दिष्ट स्थानों के अतिरिक्त कहीं भी अनुक्रमांक लिखने पर परीक्षार्थी को अयोग्य ठहराया जायेगा।
- अपनी उत्तर-पुस्तिका पर प्रश्न-पत्र की कोड संख्या 71/SS/316, Set - [D1] लिखें।
- (क) प्रश्न - पत्र केवल हिंदी/अंग्रेजी माध्यम में है। फिर भी, यदि आप चाहें तो नीचे दी गई किसी एक भाषा में उत्तर दे सकते हैं :
अंग्रेजी, हिंदी, उर्दू, पंजाबी बाँगला, तमिल, मलयालम, कन्नड़, तेलुगु, मराठी, उड़िया, गुजराती, कोंकणी, मणिपुरी, असमिया, नेपाली, कश्मीरी, संस्कृत और सिंधी।
कृपया उत्तर-पुस्तिका में दिए गए बॉक्स में लिखें कि आप किस भाषा में उत्तर लिख रहे हैं।
(ख) यदि आप हिंदी एवं अंग्रेजी के अतिरिक्त किसी अन्य भाषा में उत्तर लिखते हैं तो प्रश्न को समझने में होने वाली त्रुटियों / गलतियों की जिम्मेदारी केवल आपकी होगी।

GEOGRAPHY (316)

Time : 3 Hours]

[Maximum Marks : 80

- Notes :
- This Question Paper consists of 46 questions in all.
 - All questions are compulsory.
 - Marks are given against each question.
 - (a) Q. No. 1 to 16 - Multiple choice type questions (MCQs) carrying 1 mark each.
Select and write the most appropriate option out of the four options given in each of these questions.
(b) Q. No. 17 to 20 are Multiple choice type map based questions carrying 1 mark each.
Question for Visually Impaired Candidate in lieu of question no. 17-20 have been given. You have to Attempt only one of the given choices in such questions.
Q. No. 21 to 30 - Objective type questions carrying 2 marks each (with 2 / 4 sub-parts of 1 mark each). Attempt these questions as per the instructions given for each of the question 21-30.
(c) Q.No. 31 to 40 - Very Short Answer type questions carrying 2 marks each to be answered in the range of 30 to 50 words. Question NO. 36-37 are map based questions Questions for Visually Impaired Candidate in lieu of question no. 36-37 have been given.
(d) Q. No. 41 to 45 - Short Answer type questions carrying 3 marks each to be answered in the range of 50 to 80 words.
(e) Q. No. 46 - Long answer type questions carrying 5 marks each to be answered in the range of 80 to 120 words.

NOTE :

- Answers of all questions are to be given in the Answer-Book given to you.
- 15 minutes time has been allotted to read this question paper. The question paper will be distributed at 02.15 p.m. From 02.15 p.m. to 02.30 p.m., the students will read the question paper only and will not write any answer on the answer-book during this period.

1. Hwang-Ho plain of North China is the examples of which of the following types of plains ? 1
(A) Glacial (B) Alluvial (C) Loess (D) Structural
2. Which of the following seas has the highest salinity ? 1
(A) Bering sea (B) Japan sea (C) Red sea (D) Baltic sea
3. Which of the following is **not** the significance of 'tides' ? 1
(A) Removal of silt (B) Produce electricity
(C) Development of coral reefs (D) Navigation
4. Which of the following forests are known for "Carbon Sinks" ? 1
(A) Evergreen rain forest (B) Temperate forest
(C) Tundra forest (D) Boreal forest
5. Choose the correctly matched pair of terminal points of different directions of India. 1
(Direction) (Terminal Point)
(A) North - Kibithu
(B) East - Indira Point
(C) West - Ghaur Moti
(D) South - Indira Col
6. India's only active volcano is located on which of the following Island ? 1
(A) Car Nicobar (B) Neil (C) Minicoy (D) Barren
7. Match **Column - I** with **Column - II** and choose the correct option. 1

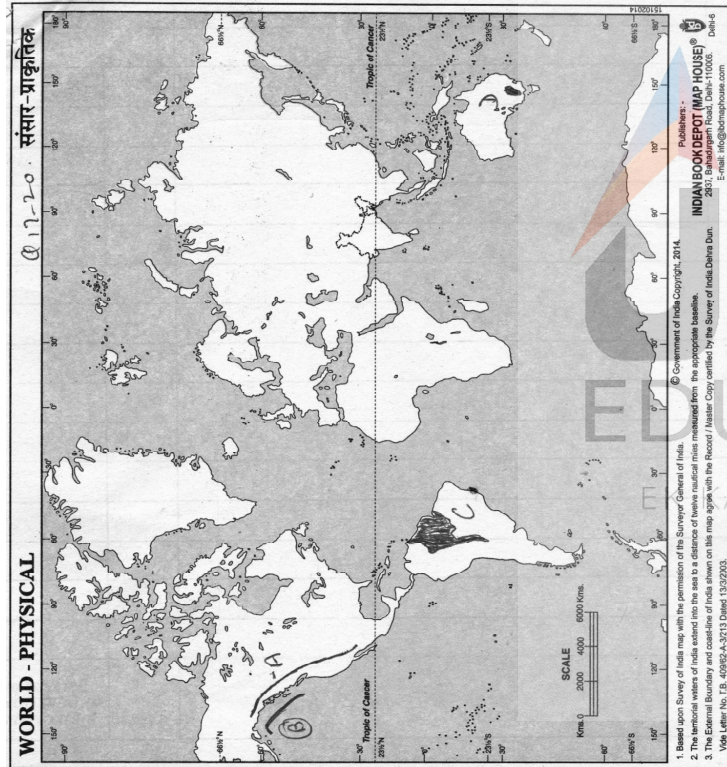
Column - I (Process of Hydrological Cycle)	Column - II (Feature)
(a) Run off	(i) Fundamental process of hydrological cycle
(b) Evaporation	(ii) Measurement of open space within rocks
(c) Infiltration	(iii) Precipitation does not absorb by soil
(d) Porosity	(iv) Absorption of the precipitated water

Options :
 (A) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)
 (B) (a)-(i), (b)-(iii), (c)-(ii), (d)-(iv)
 (C) (a)-(iv), (b)-(ii), (c)-(i), (d)-(iii)
 (D) (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)
8. Choose the correct option related to features of Tundra Biome. 1
 I. Harsh Climate
 II. Located in Northern parts of North America
 III. Extensively affected by human interventions
 IV. Low productivity
Options :
 (A) Only I, II and IV are correct
 (B) Only I, II and III are correct
 (C) Only I, III and IV are correct
 (D) Only II, III and IV are correct
9. Which one of the following currents appears on the peru coast ? 1
(A) Kuroshio (B) El-Nino (C) Canary (D) Gulfstream
10. Two Statements are given below. They are **Assertion (A)** and **Reason (R)**. Read both the statements carefully and choose the correct option. 1
Assertion (A) : Economic exploitation of tropical evergreen forests is not viable in India.
Reason (R) : They do not provide valuable and durable hardwood for furniture.
Options :
 (A) (A) is correct but (R) is incorrect.
 (B) (A) is incorrect but (R) is correct.
 (C) Both (A) and (R) are correct and (R) is the correct explanation of (A).
 (D) Both (A) and (R) are correct but (R) is not the correct explanation of (A).
11. Which one of the following rivers has the highest catchment area ? 1
(A) Narmada (B) Mahanadi (C) Krishna (D) Godavari
12. Which one of the following is **not** a ferrous mineral ? 1
(A) Manganese (B) Pyrite (C) Tungsten (D) Chromites
13. Which one of the following is **not** the pillars of sustainable development goals ? 1
(A) Cultural Sustainability
(B) Human Sustainability
(C) Social Sustainability
(D) Economic Sustainability
14. Which of the following areas have shown improvement in the SDG India index ? 1
(A) Foreign trade
(B) Abolition of poverty and hunger
(C) Increasing industrial production
(D) Innovation and infrastructure

15. A policy maker wants to align a new state program with India's SDG agenda. Which body should they consult for mapping goals to specific schemes ? 1
- (A) Ministry of Finance (B) Home Ministry
(C) Ministry of Education (D) NITI Ayog

16. Under Goal 4 of Millennium Development Goals, the reduction sought to be achieved in under five child mortality rate was to the extent of : 1
- (A) One-third (B) Two-third (C) One-fourth (D) Two-fourth

Note : Study the given map carefully and answer the Map based Questions 17, 18, 19 and 20.



17. Identify the mountain range marked 'A' on the map. 1
- (A) Appalachian (B) Alps (C) Rockies (D) Andes

18. Identify the 'Warm Current' marked as 'B' on the map. 1
- (A) Norwegian (B) Benguela (C) Gulf (D) Alaska

19. Identify the 'evergreen rain forest biome' marked as 'C' on the map. 1
- (A) South East Asia (B) Nile Basin
(C) Congo Basin (D) Amazon Basin

20. Identify the temperate grassland biome marked 'D' on the map. 1
- (A) Downs (B) Veldt (C) Canterbury (D) Manchuria

Note : The Following questions are for visually impaired candidates only in lieu of Questions Nos. 17, 18, 19 and 20.

17. Which one of the following is the 'largest' major mountain range of North America ? 1
- (A) Appalachian (B) Alps (C) Rockies (D) Andes

18. Which one of the following is warm current of Northern 'Pacific Ocean' ? 1
- (A) Norwegian (B) Benguela (C) Gulf (D) Alaska

19. Which one of the following evergreen forest biome is located in South America ? 1
- (A) South East Asia (B) Nile Basin
(C) Congo basin (D) Amazon basin

20. Which one of the following is temperate grassland biome located in Australia ? 1
- (A) Downs (B) Veldts (C) Canterbury (D) Manchuria

21. Answer the following questions by filling in the blanks with appropriate words. 1x2=2
- (a) The concept of Human Development Index (HDI) was propounded by _____.
(b) Human Development Report is published by _____ every year.

22. Answer the following question in 1 or 2 word(s). 1x2=2
- (a) The MDGs made huge strides in combatting which disease ?
(b) In which year did Millennium Development Goals were accepted ?

23. Match **Column - I** correctly with **Column - II**. 1/2x4=2

Column - I (Sustainable development p's)	Column - II (Symbol)
(a) Peace	(i) End poverty and hunger
(b) People	(ii) Development made in harmony with nature
(c) Prosperity	(iii) Management of resources
(d) Protect planet	(iv) Goals can achieve through partnership
	(v) Society free from violence

24. Match **Column - I** correctly with **Column - II**. 1/2x4=2

Column - I (Mountain forests Altitude)	Column - II (Examples)
(a) Upto 1000 metres	(i) Chir
(b) 1000-2000 metres	(ii) Laurel
(c) 1500-3500 metres	(iii) birch
(d) 3000-3800 metres	(iv) Sal

25. Answer the following questions by filling in the blanks with appropriate words. 1x2=2

- (a) _____ is responsible for transformation in ufrakhal village.
 (b) The first National Water Policy in India was formulated in the year _____.

26. Read the given paragraph carefully and answer the following questions in 1 or 2 word(s) each. 1x2=2

Ocean Wave

Ocean waves are formed as wind blows across the surface of the ocean, creating small ripples, which eventually become waves with increasing time and distance.

The ocean is never still. Whether observing from the beach or a boat, we expect to see waves on the horizon. Waves are created by energy passing through water, causing it to move in a circular motion. Waves transmit energy, across the ocean and if not obstructed by anything, they have the potential to travel across an entire ocean basin.

The most common cause of waves is wind. Surface waves, are created by the friction between wind and surface water. As wind blows across the surface of the ocean or a lake, the continual disturbance creates a wave crest.

- (a) Explain the most important cause of wave.
 (b) Mention the motion formed by ripples in waves.

27. Read the given paragraph carefully and answer the following questions in 1 or 2 word(s) each. 1x2=2

Background of Global Development Goals

You must have heard a famous saying that "Rome was not built in a day" similarly the setting up of developments goals was also not a day's job. It was initiated with an International Conference on the Human Environment which was held 50 years ago in Stockholm in June 1972. This was the first conference when representatives of developed and developing nations talked about environmental issues and define the right of human beings to a healthy and productive environment. In this conference, United Nations Environmental Programme (UNEP) was adopted. It was the beginning of an environmental movement in the world and environmental issues have become a part of discussion not only at environmental conferences but also in every international political meets. Its 10th anniversary was celebrated in Nairobi in 1982, followed by the United Nations Earth Summit on Environment and Development held in Rio de Janeiro, Brazil in 1992. Sustainable Development was a key focus at the United Nations Conferences; however, the word Sustainable Development was introduced by the Brundtland Report, published by the World Commission on Environment and Development (WCED) in 1987. In our Common Future, sustainable development has been defined as "compromising the ability of future generations to meet their own need". It Focuses on developing a world where environmental changes are in accordance with sound ecological principles and improving the well-being of everyone.

- (a) Which commission introduced the term "Sustainable Development" ?
 (b) State the name of the report published by the World Commission on Environment and Development.

28. Answer the following questions by filling in the blanks with appropriate words. 1x2=2

- (a) Difference between the value of export and imports is known as _____.
 (b) 5 G services in India were launched in the year _____.

29. Answer the following questions in 1 or 2 word(s) : 1x2=2

- (a) Name the salt water lake situated in the Western Plains of India.
 (b) In which Indian State "Mango Showers" are commonly occur ?

30. Answer the following questions in 1 or 2 word(s) : 1x2=2

- (a) Mention the union territory having highest literacy rate in India.
 (b) Name the term which is used to express "Window of opportunity" for rapid economic growth.

31. Explain two major differences between physical and Human Geography. 1x2=2

32. Mention two aims of National Afforestation Program in India. 1x2=2

33. Explain any two reasons to deposit sediments by Wind. 1x2=2

34. "Agricultural activities are one of the major drivers of climate change". Explain the statement. 1x2=2

35. Mention any two techniques to control forest fires. 1x2=2

36. On the given physical outline map of India, mark the following with appropriate symbols and write their names : 1x2=2

- Lake situated between the deltas of the Godavari and Krishna river.
- Southern most point of mainland of India.

Note : The following questions are for visually impaired candidates only in lieu of Q.No. 36.

- Mention the lake situated between deltas of Godavari and Krishna river.
- Name the Southernmost point of main land of India.

37. In the given Political outline map of India, mark the following with appropriate symbols and write their names : 1x2=2

- Major coal mining area located in Tamil Nadu.
- Leading producer state of cotton.

Note : The following questions are for visually impaired candidates only in lieu of Q.No. 37.

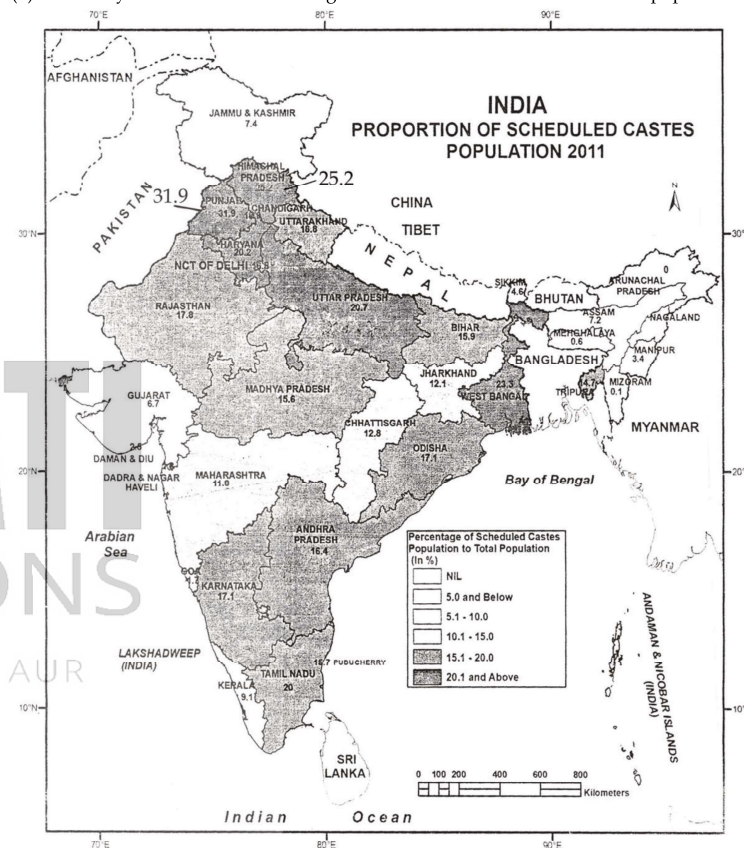
- Write the name of the place where major coal mines are located in Tamil Nadu.
- Write the name of leading producer state of cotton.

38. "The age structure has been undergoing some gradual changes during the recent decades". 1x2=2
Analyse the statement in two points.

39. "There is an inverse relationship between temperature and pressure". Support the statement with two relevant arguments. 1x2=2

40. Answer the following questions based on the given map. 1x2=2

- Identify the State of India having highest concentration of schedule caste population.
- Identify the State of India having least concentration of schedule caste population.



41. Explain the importance of plains in three points for human beings. 1x3=3

42. Describe three features of Trade Winds. 1x3=3

OR

Describe the significance of Paris Climate Agreement.

43. "The type of depositional plains depends on the geomorphic agents of deposition". 1x3=3
Support the statement with examples.

OR

"Mountains are the storehouse of natural resources". Support the statement with examples.

44. How does Fossil fuel production cause global warming ? Explain in three points. 1x3=3

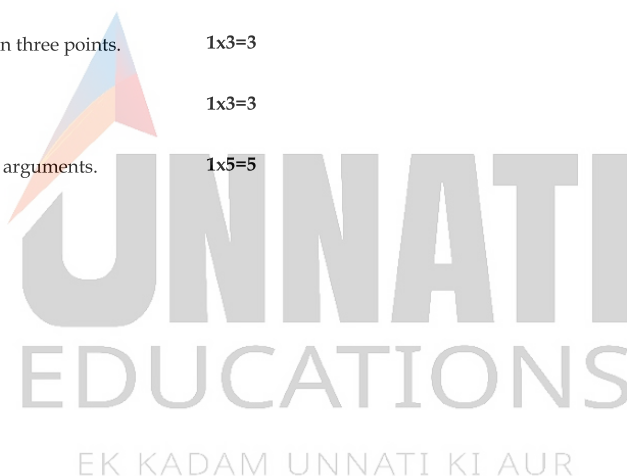
45. Explain the three main features of Himalayan rivers. 1x3=3

46. "Road density in India is not uniform". Analyse by giving any five arguments. 1x5=5

OR

Analyse any five features of subsistence farming in India.

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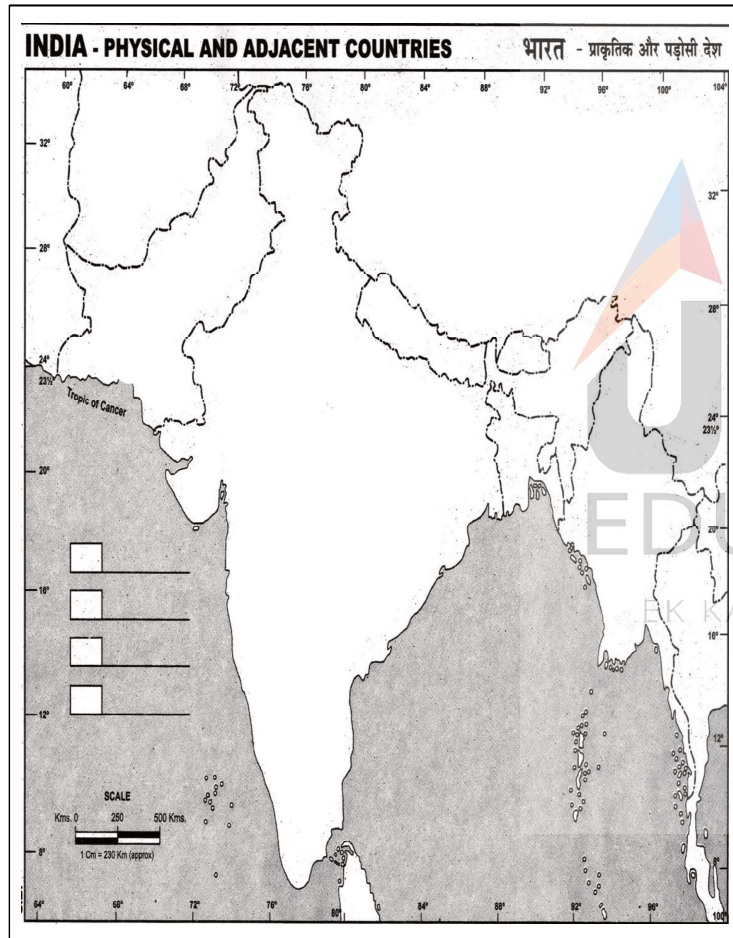


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Attach this map with your answer-book

36.



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Attach this map with your answer-book

37.

