

C. S. (Main) Exam : 2011



B-DTN-L-HHA

GEOGRAPHY

Paper I

Time Allowed : Three Hours

Maximum Marks : 300

INSTRUCTIONS

Each question is printed both in Hindi and in English.

Answers must be written in the medium specified in the Admission Certificate issued to you, which must be stated clearly on the cover of the answer-book in the space provided for the purpose. No marks will be given for the answers written in a medium other than that specified in the Admission Certificate.

*Candidates should attempt Questions No. 1 and 5 which are compulsory, and any **three** of the remaining questions selecting at least **one** question from each Section. Wherever a question is attempted, all its parts are to be attempted.*

The number of marks carried by each question is indicated at the end of the question.

Illustrate your answers with suitable sketches, maps and diagrams, where appropriate.

ध्यान दें : अनुदेशों का हिन्दी रूपान्तर इस प्रश्न-पत्र के पिछले पृष्ठ पर
छपा है ।

SECTION A

1. Write short notes on the following in about 150 words each : 12×5=60
- (a) Geomagnetism and Paleomagnetism
 - (b) Rossby waves and Jet Stream
 - (c) Salinity patterns in Indian Ocean
 - (d) Soil profile in Zonal and Azonal soils
 - (e) Marine Ecosystem
2. (a) Name the climatically controlled agents of erosion. Explain how they differ in terms of properties of matter. Compare the landforms produced by each one of them. 30
- (b) Explain the concept of Isostasy as postulated by Airy and Pratt. 30
3. (a) Give an account of global distribution of precipitation. 30
- (b) "Contemporary global climate change is an anthropogenic phenomenon." Discuss. 30
4. (a) "Temperature, salinity and density differences in ocean water are the prime causes of ocean water circulation." Elaborate. 30
- (b) Define the term biome. List the terrestrial biomes and describe the characteristics of Savanna biome. 30

SECTION B

5. Write short explanatory notes on the following: $12 \times 5 = 60$
- (a) Welfare Approach in Human Geography
 - (b) Secondary cities in the context of urbanization in developing world
 - (c) Isodapane in the Theory of Industrial Location
 - (d) Population and Food security
 - (e) Ingredients of Sustainable Development
6. (a) Discuss the impact of positivism in paradigm shift in Geography. 30
- (b) Enumerate alternative strategies of planning for backward regions. 30
7. (a) Distinguish between boundaries and frontiers. Identify different types of boundaries. 30
- (b) Mention the agricultural regions as classified by Whittlessey and discuss their relevance. 30
8. (a) Discuss Systems Approach and its applicability in Geography. 30
- (b) Critically examine the salient features of Central Place Theory propounded by Christaller and Losch. 30

C. S. (Main) Exam : 2011

Sl. No. 

B-DTN-L-HHB

GEOGRAPHY

Paper II

Time Allowed : Three Hours

Maximum Marks : 300

INSTRUCTIONS

Each question is printed both in Hindi and in English.

Answers must be written in the medium specified in the Admission Certificate issued to you, which must be stated clearly on the cover of the answer-book in the space provided for the purpose. No marks will be given for the answers written in a medium other than that specified in the Admission Certificate.

Candidates should attempt Question Nos. 1 and 5 which are compulsory, and any three of the remaining questions selecting at least one question from each Section.

The number of marks carried by each question is indicated at the end of the question.

Illustrate your answers with suitable sketch-maps and diagrams, wherever considered required.

An outline map of India is attached to this question paper for answering Question No. 1. This map is to be carefully detached from the question paper and attached securely to the answer book by the candidate.

ध्यान दें : अनुदेशों का हिन्दी रूपान्तर इस प्रश्न-पत्र के पिछले पृष्ठ पर छपा है।

Section 'A'

1. On the outline map of India provided to you, mark the location of *ALL* of the following for which 1 (one) mark is given to each correct entry.

Write in your answer script the significant geographical relevance or strategic importance of these locations, whether physical/commercial/economic/ecological/environmental/cultural in not more than 30 words for each entry. Four (4) marks are allotted for each write-up of these correctly marked locations.

5×12=60

- (a) Badami
- (b) Mandvi
- (c) Dodital
- (d) Yanam
- (e) Netarhat
- (f) Shamsabad
- (g) Lakshmantirth River
- (g) Bara-Lacha La
- (i) Kakolat Fall
- (j) Singrauli
- (k) Dafla Hills
- (l) Tree Island

2. Present a comparative analysis of the regimes of Himalayan and Peninsular rivers of India and examine their implications in the irrigation system of the country. 60
3. (a) Identify the major biosphere reserves of India and discuss their role in the conservation of forest and wildlife. 30
- (b) Give an account of potentiality and prospects of development of marine resources of India. 30
4. (a) Discuss the potentiality and status of aquaculture in the Ganga Plain. 30
- (b) Assess the scope and development of Pharmaceutical Industry in India. 30

Section 'B'

5. Write about the following in about 200 words each :
15×4=60
- (a) Prospects of Rainbow Revolution in India.
- (b) Karewa Deposits and their economic significance.
- (c) Impact of land tenure on agricultural productivity in India.
- (d) Agro-forestry in India.

6. (a) Assess the growing importance of air transport in India and examine its role in the regional development of the country. 30
- (b) Discuss the spatial pattern of intra-regional migration in India and examine its implications in regional development. 30
7. (a) Differentiate between conurbations and metropolitan regions. Give a reasoned account of emerging conurbations in India. 30
- (b) Identify the ravine-affected areas in India and discuss the environmental and economic impacts of their reclamation. 30
8. (a) Discuss the problems of environmental degradation generated by urban wastes in India. 30
- (b) Analyse the causes of desertification in India. Represent the desertified areas of the country on a sketch map and suggest remedial measures to control it. 30
-

Sl. No.

DO NOT write your Roll No.
on this sheet.

B-DTN-L-HHB



