



**PHYSICS
EDUCATION**

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**CIVIL SERVICES
MAINS - GEOGRAPHY
PAPER-I
2011**

CIVIL SERVICES MAINS - GEOGRAPHY PAPER-I 2011

CIVIL SERVICES (MAIN) EXAM - 2011 GEOGRAPHY Paper I

Time Allowed: Three Hours

Maximum Marks: 300

INSTRUCTIONS

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.

SECTION A

1. Write short notes on the following in about 150 words each: $12 \times 5 = 60$

- (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.

(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]

(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]



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