Civil Services (Main) Examination, 2014

GEOGRAPHY

(Paper I)

Time Allowed : Three Hours	*Maximum Marks : 250*

QUESTION PAPER SPECIFIC INSTRUCTIONS

Please read each of the following instructions carefully before attempting questions :

There are **EIGHT** questions divided in **TWO SECTIONS**.

Candidate has to attempt **FIVE** questions in all.

Questions no. **1** and **5** are compulsory and out of the remaining, any **THREE** are to be attempted choosing at least **ONE** question from each Section.

The number of marks carried by a question/part is indicated against it.

Word limit in questions, wherever specified, should be adhered to.

Attempts of questions shall be counted in sequential order. Unless struck off, attempt of a question shall be counted even if attempted partly.

SECTION 'A'

1. Answer the following in about 150 words each: 10×5=50

(a) Define the term 'meander' and describe the basic characteristics of entrenched meander and ingrown meander.

(b) Discuss the salient features of 'sirocco' and 'mistral'.

(c) Give an account of the nature of biosphere as an ecosystem.

(d) State the uniqueness of the Eurasian Steppe Biome.

(e) Illustrate the origin and nature of Sargasso Sea and Lagoon.

2. (a) State the concept of plate tectonics. How does it help in explaining the formation of the Himalayas and Appalachian Mountains? 20

(b) Describe the origin and development of thunderstorms with examples. 15

(c) Enumerate the major causes of increasing degradation of environment in hills and hillslopes, and state its down-valley impact. 15

3. (a) Discuss the nature and origin of Indian monsoon and recent techniques of its prediction. 20

(b) State the concept of erosion surfaces and highlight the factors responsible for their development. 15

(c) Give a critical account of reasons and consequences of marine pollution. 15

4. (a) Explain weathering and mass wasting, and describe their geomorphic significance. 20

(b) Define zoogeographic region. Also describe the basic faunal makeup of the Neo-Arctic zoogeographic region. 15

(c) Give an account of recent observations on coral bleaching with reference to Clive Wilkinson's Report. 15

English version compiled from published transcriptions and cross-checked across sources; not a facsimile of the official UPSC question paper.

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SECTION 'B'

5. Answer the following in about 150 words each: 10×5=50

(a) Elaborate the concept of mental map.

(b) Give an account of food security issues in developing countries.

(c) Discuss the factors responsible for counter-urbanisation.

(d) Explain the relevance of bottom-up and top-down approaches in the development of agrarian economy.

(e) Critically analyse application of models in Geography.

6. (a) Explain the necessary conditions of takeoff and subsequent stages of development of a nation as propounded by Rostow. 20

(b) Discuss environmental and economic problems associated with coal production. 15

(c) Discuss the contribution of geographers in the development of radical geography. 15

7. (a) Giving suitable examples, describe the importance of system analysis in geographical studies. 15

(b) "Rural sustainability is necessary for urban sustainability." Discuss the statement in the backdrop of integrated development approach. 20

(c) "Indo-Gangetic hearth is considered to be one of the world's richest cultural realms." Examine. 15

8. (a) Explain the qualitative and quantitative methods of delineation of the sphere of urban influence. 20

(b) "World is passing through a global resource dilemma." Comment. 15

(c) "Food productivity with purity of ecosystem is the need of the hour." Elaborate. 15

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