



# UPSC

2010 - MAINS - GEOGRAPHY PAPER - I

## Question paper specific Instructions

Please read each of the following instruction 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 from each section.

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

Illustrate your answers with suitable sketches, maps and diagrams. These shall be drawn in the space provided for answering the question itself.

Attempts of questions shall be counted in chronological order. Unless struck off, attempt of a question shall be counted even if attempted partly. Any page or portion of the page left blank must be clearly struck off.

### Section A

1. Answer the following in about 200 words each: 15 x = 60

- Essential conditions for the development of karst topography
- ocean deposits
- inversion of temperature
- floristic kingdoms, based on their global distribution



2.

- Bring out the relevance of seismic study in determining the structure of the interior of the earth. 30
- Weathering is a complex phenomenon involving a number of processes and is influenced by various factors. Elaborate. 30

3 x 10 = 30

3. a) what is polar front? How does cyclone develop along this front? Describe the weather conditions associated with it.

b) Examine the various kinds of atmospheric humidity and their associated forms 30

4. a) Explain the scientifically sound methods of bathymetry and give an account of bottom topography of the Atlantic Ocean.

b) Give an account of the structure of ecosystem and describe its functional aspects. 30



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### Section - B

5. Write short explanatory notes on the following 12 x 5 = 60
- Neo determinism
  - Occidental culture realm
  - Optimum population
  - Growth poles
  - von Thunen's concept of economic rent
6. a) Critically examine the method of deriving Human Development Index  
b) Famine to a considerable extent is a man - made hazard Elaborate
7. a) Critically examine the changing perspectives on the concept of areal differentiation  
b) Bring out the sequential improvements in models of city structure by E.W. Burgess, Honer Hoyt, and Harris and Ullman
8. a) Discuss the role of World Trade Organisation in determining the pattern of world trade.  
b) "Huge populations of developing countries are not a curse. These may me be and also are an asset, if situations are properly managed" Elaborate on this assertion

