

ANANTAM IAS · PREVIOUS YEAR QUESTION PAPER

UPSC Civil Services (Main) Geography Optional

Paper I · Principles of Geography

2017

Time allowed: **Three hours** Maximum marks: **250**

Typeset from the question paper published by the Union Public Service Commission. English text of all 28 printed questions, with marks and section as printed.

Question Paper Specific Instructions

1. There are EIGHT questions divided in TWO SECTIONS.
2. Candidate has to attempt FIVE questions in all.
3. Question Nos. 1 and 5 are compulsory and out of the remaining, THREE are to be attempted choosing at least ONE question from each Section.
4. The number of marks carried by a question or part is indicated against it.
5. Answers must be written in the medium authorized in the Admission Certificate, which must be stated clearly on the cover of the Question-cum-Answer (QCA) Booklet in the space provided. No marks will be given for answers written in a medium other than the authorized one.
6. Word limit in questions, wherever specified, should be adhered to.
7. Illustrate your answers with suitable sketches, maps and diagrams wherever considered necessary. These shall be drawn in the space provided for answering the question itself.
8. Attempts of questions shall be counted in sequential order. Unless struck off, attempt of a question shall be counted even if attempted partly. Any page or portion of the page left blank in the Question-cum-Answer Booklet must be clearly struck off.

SECTION A

Q1. Answer the following in about 150 words each. **10×5=50**

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| (a) Write a note on pseudovolcanic features. | 10 |
| (b) Distinguish between low energy coasts and coral coasts. | 10 |
| (c) Discuss the impacts of ocean currents on air mass behaviour. | 10 |
| (d) Describe the characteristics of biological deserts. | 10 |
| (e) Explain the concept of micro carbon sink and its relevance. | 10 |

Q2.

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| (a) Discuss the forces which govern the air movement on the Earth's surface. | 20 |
| (b) "The knowledge of slope analysis has limited field application in the slope management." Explain. | 15 |
| (c) Describe the configuration of the Pacific Ocean floor. | 15 |

Q3.

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| (a) "Climate change is a reality." Explain with suitable examples. | 20 |
| (b) Distinguish between the characteristics of Chernozem and Sierozem soils. | 15 |
| (c) Give a classification of plants based on the amount of water requirement. | 15 |

Q4.

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| (a) Discuss the concept of Periglacial cycle as propounded by Peltier. | 20 |
| (b) "Climate, slope gradient and rock structure influence the avulsion of channels." Explain. | 15 |

- (c) Discuss the Perception, Attitude, Value and Emotion (PAVE) Theory of environmental management. 15

SECTION B

Q5. Answer the following in about 150 words each. 10×5=50

- (a) Explain the concept of Time-Geography. 10
- (b) "Whittlesey's agricultural regions are relevant even today." Discuss. 10
- (c) Write an explanatory note on geographical systems. 10
- (d) "The traditional cultural identities are at loss with the growth of global connectivity." Explain. 10
- (e) Give an account on sustainable development and its components. 10

Q6.

- (a) Discuss the contemporary paradigms of Geography. 20
- (b) "The intensity of energy crisis varies regionally." Explain. 15
- (c) Examine the causes and consequences of forced migration of population in the present context. 15

Q7.

- (a) Discuss the applicability of Christaller's Central Place Theory. 20
- (b) "There are considerable demographic similarities between West European nations and Japan." Explain. 15
- (c) Define the quality of life and explain its parameters with adequate examples. 15

Q8.

- (a) "The Heartland Theory is gaining importance once again." Comment. 20
- (b) Examine the role of small towns in the regional development process. 15
- (c) Explain the concept of social capital in relation to India. 15