

# IASbaba Full Length Mock



## GEOGRAPHY Paper - I

**Time Allowed: Three**

**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 and printed both in ENGLISH.*

*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.*

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

*Answers must be written in the medium authorised in the Admission Certificate which must be stated clearly on the cover of this Question-cum-Answer (QCA) Booklet in the space provided. No marks will be given for answers written in a medium other than the authorised one.*

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

*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*

*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 : 10x5=50**

- a) What is Pacific decadal oscillation ? On what time scale does it operate? What are its effects?
- b) How do primary succession and secondary succession differ? Describe old-field succession as an example of secondary succession.
- c) Define and describe induced mass wasting . Provide some examples.
- d) Compare the characteristics of rapids and pools.
- e) Compare a marine scarp with a marine cliff. What landforms are associated with marine cliffs?

**Q2.**

- a) Compare the characteristics of urban and rural surfaces and describe how the differences affect urban and rural air temperatures. Include a discussion of the urban heat island . **15**
- b) Have global climates been stable over geologic time? What changes in weather and climate can we expect in the future, based on the projections of global climate models? **15**
- c) Describe the evolution of a fluvial landscape according to Davis 's geomorphic cycle . What are the limitations of this theory? How do they lead to the equilibrium approach? **20**

**Q3.**

- a) What causes aggradation of a stream? What are the effects of aggradation? **15**
- b) How do the landforms and deposits of a glacial landscape affect the agriculture and resources of a region? Discuss. **15**
- c) What conditions are necessary for the development of a tropical cyclone? Give a typical track for the movement of a tropical cyclone in the northern hemisphere. **20**

**Q4.**

- a) What has happened to the Aral Sea in the last 40 years, and why? What are its future prospects? **15**
- b) What are the features of arctic and alpine tundra? How does the cold tundra climate influence the vegetation cover? **15**

- c) How has the coastal environment changed in response to climate change, and what changes are predicted for the future? What will be the impact of these changes on coastal environments? **20**

### SECTION-B

**Q5. Answer the following in about 150 words each : 10x5=50**

- a) Write a short note on the changing gender composition of migration.
- b) Write a short note on 'population as social capital'.
- c) Problem of duality in system analysis.
- d) Quantitative revolution in geography.
- e) Whittlesey agricultural classification

**Q6.**

- a) Is regional consciousness incompatible with the nation- state? Substantiate by taking suitable examples. **15**
- b) Although people's welfare and prospects depend on the location and size of their economies, economic success also depends on the dynamism and openness of their political and economic institutions, the degree of social and political cohesion, and the effectiveness of their education and health services. Analyse the statement by taking suitable examples. **15**
- c) Discuss Central Place Theory of Christaller and Loshc. Also discuss their limitations and present day applications. **20**

**Q7.**

- a) The notion of urban development has to change in order to make possible the synthesis of urban space and its actual developmental potential. Elucidate. **15**
- b) Overpopulation in itself has little role in the problem of food insecurity. Critically comment. **15**
- c) Virtually all the world's natural increase is concentrated in the LDCs of Africa, Asia and Latin America, whereas the population is growing slowly or actually declining in MDCs. Examine the reasons by taking suitable examples. **20**

**Q8.**

- a) The emergence of regional trade blocks like TPP, RCEP and TTIP has diluted the drive to attain multilateralism in global trade through WTO. Critically comment. **15**
- b) Discuss the importance of South China Sea as a source of energy and minerals. Also examine its geopolitical significance. **15**
- c) Discuss the significance of 'Limits to Growth' model in the present day world by identifying and discussing at least four areas where it finds direct application. **20**