

1(CCE.M)2
Geography—I
(10)

Time : Three Hours]

[Maximum Marks : 300

INSTRUCTIONS

- (i) Answers must be written in English.
- (ii) The number of marks carried by each question is indicated at the end of the question.
- (iii) The answer to each question or part thereof should begin on a fresh page.
- (iv) Your answer should be precise and coherent.
- (v) The part/parts of the same question must be answered together and should not be interposed between answers to other questions.
- (vi) Candidates should attempt question nos. **1** and **5** which are compulsory and any **three** more out of the remaining questions, selecting at least **one** question from each section.
- (vii) If you encounter any typographical error, please read it as it appears in the text-book.
- (viii) Candidates are in their own interest advised to go through the General Instructions on the back side of the title page of the Answer Script for strict adherence.
- (ix) No continuation sheets shall be provided to any candidate under any circumstances.
- (x) Candidates shall put a cross (×) on blank pages of Answer Script.

- (xi) No blank page be left in between answer to various questions.
- (xii) No programmable Calculator is allowed.
- (xiii) No stencil (with different markings) is allowed.

SECTION–A

1. Answer the following in about 200 words each :
 - (a) What are geosynclines ? Explain the concept of geosynclines by Arthur Holmes. 20
 - (b) Explain the significance of biotic resources of marine origin. 20
 - (c) Explain the causes and consequences of temperature inversions. 20
2. Mark the following locations on the world map provided :
 - (i) Sechura desert
 - (ii) Fukushima Daiichi
 - (iii) Eyjafjallajokull volcano
 - (iv) Sargasso Sea
 - (v) Tsangpo River
 - (vi) Grand Banks
 - (vii) Romanche Deep
 - (viii) Lake Volta
 - (ix) Brunei
 - (x) 10 Degree Channel.
 - (a) Identification of the feature carries 3 marks each. $3 \times 10 = 30$
 - (b) Write the importance of each feature in about 40 words. Each write up carries 3 marks. $3 \times 10 = 30$

3. (a) Explain the role of jet streams in the origin of monsoons. 20
- (b) Define ecosystem. Explain their interrelationship with energy flows. 20
- (c) Discuss the significance of colloids in the soils. 20
4. (a) Discuss the advantages and disadvantages of volcanic activity on the earth. 30
- (b) How does the circulation of Indian Ocean currents differ from Pacific and Atlantic Ocean currents ? 30

SECTION–B

(Human Geography)

5. Write short notes on any **three** of the following : $20 \times 3 = 60$
 - (a) Stop and Go Determinism
 - (b) Ramapithecus
 - (c) Triangular settlements
 - (d) Frontiers and boundaries.
6. (a) Explain the concept of Heartland and Rimland. 30
- (b) Discuss the features of Indian Federalism. 30
7. Describe the origin of agriculture and elaborate the agricultural classification by Whittlesey. 60
8. (a) How are regional disparities becoming a threat to India's sustainable development ? 30
- (b) Critically examine the international boundary disputes between India and Pakistan. 30