

1(CCE-M)6

GEOGRAPHY-1

[10]

Time Allowed : 3 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 there of 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 compulsorily attempt question nos **1 and 5**. Attempt any **Three** 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 (X) 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.
- xiv) In no circumstances help of scribe will be allowed.

SECTION - A

1. Write notes in **250-300** words each on any **three** of the following (3×20=60)
 - a) Stream gradation
 - b) Variable gases of the atmosphere
 - c) Soil texture
 - d) Turbidity currents

- e) Energy flow
2. a) What are sedimentary rocks? Describe two processes, other than organic, that produce sedimentary rocks. (30)
- b) Identify the sedimentary rock types in which hydrocarbons are formed and explain the formation and composition of each. (30)
3. a) What are the factors that influence spatial variation in temperature of the Earth's atmosphere? (30)
- b) What is inversion of temperature? Under which condition inversion of temperature occur? What are its implications on weather? (30)
4. Define biome. Elaborate on the characteristics of five main biome types recognised by the geographers. Give geographic location (in provided map of India) of biome types found in India. Elaborate. (60)

SECTION - B

5. Write notes in 250-300 words each on any **three** of the following : (3×20=60)
- a) Rimland
- b) Agricultural regionalization of India.
- c) Cultural realm of the World.
- d) Megapolis
- e) Environmental determinism
6. a) Elaborate the main objectives of quantitative revolution in Geography? (30)
- b) What are the changes quantitative revolution brought to the field of Geography? (30)
7. a) What are the components of population changes? Explain how they transform the composition of population in an area by giving suitable examples from India (30)
- b) Discuss different streams of migration in India and their consequences. (30)
8. a) Discuss any one theory of industrial location with its merits and demerits? (30)
- b) Elucidate different factors that affect location of an industry. (30)