

**CC/M/EXAM.
2020**

GEOGRAPHY

PAPER—I

Time : 3 hours]

[Full Marks : 250

Note : Question Nos. **1** and **5** are compulsory and out of the remaining, any **three** are to be attempted choosing at least ONE question from each Section. The number of marks carried by a question/part is indicated against it.

SECTION—A

1. Answer *any five* of the following questions : 10×5=50

- (a) Discuss the factors that help in the development of landforms.
- (b) Define peneplain. Discuss its development with a suitable diagram.
- (c) Define frontogenesis. Explain the process of front development.
- (d) What do you mean by urban heat island? Explain the factors for heat island formation.
- (e) Discuss the profile of the soil with a suitable diagram.
- (f) Define ecology and discuss the scope of ecology.
- (g) Discuss the present status of forest in Arunachal Pradesh and mention the factors of its degradation.

2. Answer the following questions :

- (a) Give a description of the planetary wind system with suitable diagrams. Whether the monsoonal wind is a planetary wind or a local wind? Justify your answer. 15+5=20
- (b) Define Jet stream. Discuss its role in Indian monsoon. 5+10=15
- (c) Discuss the important currents of Atlantic Ocean. Are the sea currents having any role on economy and livelihood of people? Explain with examples. 10+5=15

3. Answer the following questions :

- (a) Discuss the major environmental policies of India after Independence. 20
- (b) Define sustainable development. Discuss the Global Sustainable Development Goals as defined by UNO. 3+12=15
- (c) What is the difference between biomes and zoogeographical regions? explain the salient features of Australian region in detail. 5+10=15

4. Answer the following questions :

- (a) Critically discuss the climatic classification of the world as propounded by Trewartha. 20
- (b) Discuss the theory of continental drift as envisaged by Alfred Wegener. Mention the justification put forwarded in support of his theory. 5+10=15
- (c) Discuss the genesis of tropical cyclone in Indian Ocean. What are the measures that can be adopted to mitigate tropical cyclone in India? 8+7=15

SECTION—B

5. Answer *any five* of the following questions : 10×5=50

- (a) "Regional approach in geography does not believe in universality rather finds uniqueness in every region." Explain.
- (b) What is the scope and relevance of Welfare Geography in present day's context?
- (c) Discuss the importance of green revolution in mitigating the problems of food security of the country.
- (d) Give a description and pattern of global population growth.
- (e) What are different types of rural settlements? Write briefly about them.
- (f) Can Von Thünen's model be applied in present day's context? Give your answer with suitable justifications.
- (g) What is the concept of satellite town? Why do such townships grow?

6. Answer the following questions :

- (a) "The structure of geography revolves around spatial interaction and areal association." Elucidate the statement with suitable examples. 20
- (b) Give a detailed explanation of the dichotomies in geography. 15
- (c) 'Unlike the case of systematic natural sciences, geography is interested in the study of environment not as an object but as a field of human action'. While explaining the statement discuss the scope of behavioral geography. 15

7. Answer the following questions :

- (a) Define model. What are different functions of models? Write two disadvantages of model. 20
- (b) What is demographic transition model? Discuss its different stages. 5+10=15
- (c) What do you mean by urban morphology? Describe the agents and processes of urban transformation. 5+10=15

8. Answer the following questions :

- (a) "Even after seven decades of planning and development, regional disparities within India is strikingly visible." Explain the statement with your comments and justifications. 20
- (b) Define region. What are different types of region? Classify region based on internal structure. 3+6+6=15
- (c) Discuss the concept of social well-being and quality of life. What are the major challenges to achieve that? 8+7=15
