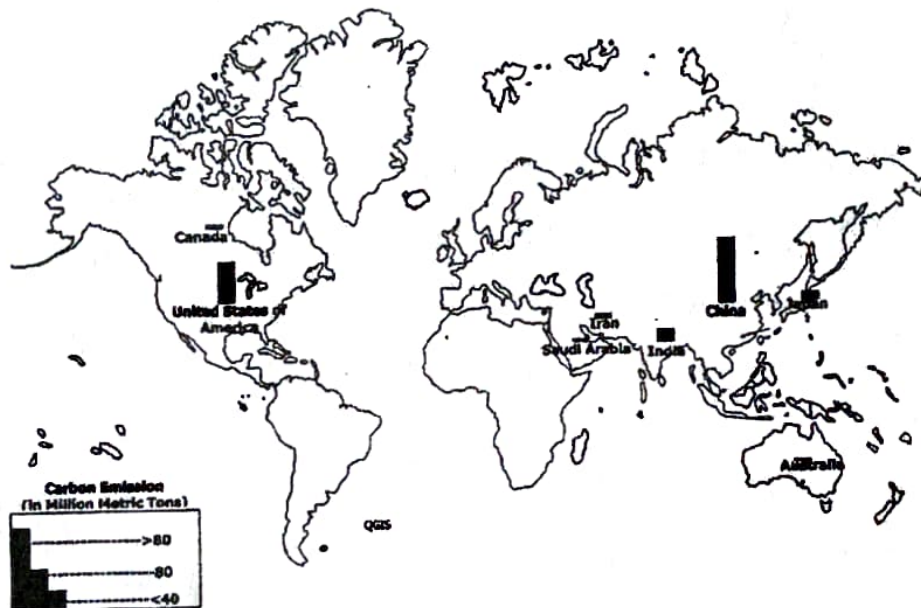


- Note—
1. All questions are compulsory.
 2. Figures to the right indicate full marks.
 3. Use of map-stencils is allowed where necessary.
 4. Annexures are to be attached with the main answer sheet.

Q. 1 A. Answer the questions from the following map. (10)

CARBON EMISSION FROM SELECTED COUNTRIES, 2011



1. State the subject of given map and the map technique used.
2. Which countries emit more carbon than India?
3. Which countries emit less carbon than Japan?
4. Review carbon emissions in Asia continent.
5. Compare the carbon emissions of the North American continent and the Australian continent.

Q. 1 B. Show all the following elements in the given world map. (10)

- | | | |
|--|----------------------|--|
| 1. Alps Mountains | 2. New Guinea Island | 3. Red Sea |
| 4. Sydney City | 5. Atacama Desert | 6. Coniferous forests of North America |
| 7. Densely populated areas of Asia Continent | 8. Pacific Ocean | 9. Japan Island |
| | | 10. Sahara Desert |

Q. 2. Solve any two of the following questions. (20)

- Enumerate the different types of man-made environment.
- Give a detailed account of the structure of the environment.
- Explain the components of an ecosystem.

Q. 3. Solve any two of the following questions. (20)

- Write in detail about global distribution of forests.
- Review water surplus and water scarcity areas.
- Give information on non-conventional energy sources.

Q. 4. Solve any two of the following questions. (20)

- Explain with example how natural factors affect population distribution.
- Suggest measures to achieve sustainable development with the challenge of population growth.
- Explain the concept of Global Happiness Index.

Q. 5. Solve any two of the following questions. (20)

- Explain land use change in a city.
- Comment on the problems of cities in India.
- State the causes of civil problems and suggest solutions