

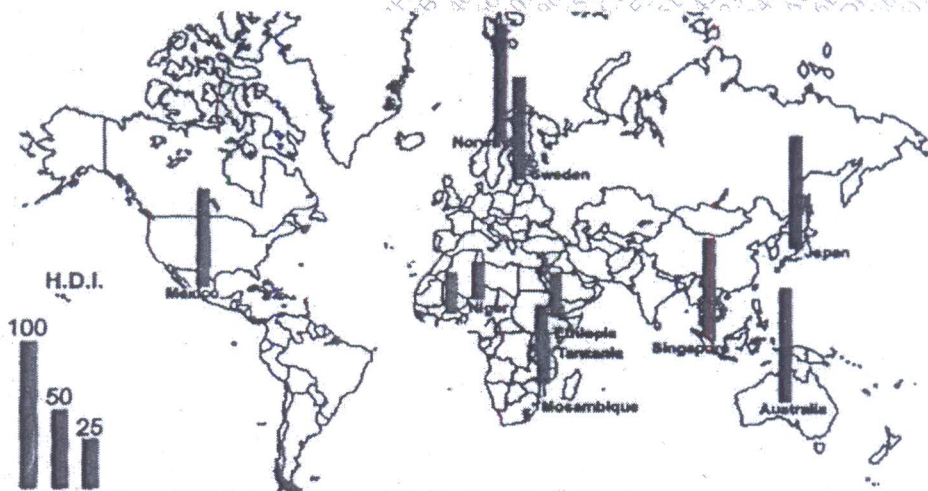
[Time: 3 Hours]

[Marks:100]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory and carry equal marks.
 2. Use of map stencils and simple calculator is allowed.
 3. Attach the given map along with your answer book.
 4. Use of coloured pens, pencils allowed.

Q.1 a) Study the following thematic map of the world and answer the following questions. 10



- i) What is the theme of the map? Which cartographic technique is used to represent the theme? 2
- ii) Which African country is having lowest H.D.I? State the H.D.I of that country. 2
- iii) Which countries are showing low H.D.I in the given map and why? 2
- iv) Which country is having highest H.D.I? state the H.D.I. 2
- v) Compare H.D.I pattern between Asia and Africa. 2

Q.1 b) Mark and name the following on the outline map of the world given to you. 10

- i) Smallest continent in the world.
- ii) A country having coastal location.
- iii) Major mountain range located in South America.
- iv) Most populous country in the world.
- v) An Asian country having high Human Development Index.
- vi) A major coal producing country in the world.
- vii) An ocean located to south of India.
- viii) Largest desert in the world.
- ix) Largest railway line in the world.
- x) Sydney port.

Q.2 Attempt any two questions from the following: 20

- A) Define environment. Explain the biotic components of environment.
- B) Define ecosystem. Explain the concept of food chain, food web and ecological pyramid with suitable example for each.
- C) Explain the importance and scope of environmental studies.

- Q.3 Attempt any two questions from the following: 20
- A) Define resource. Explain in detail about renewable and non-renewable resources.
 - B) What are the non-conventional resources? Describe any three non-conventional resources and its advantages.
 - C) Discuss various methods of management of water resources.
- Q.4 Attempt any two questions from the following: 20
- A) Explain the factors responsible for population explosion.
 - B) Describe the measures taken to control population explosion in India.
 - C) Explain the concept of H.D.I (Human Development Index) in detail.
- Q.5 Attempt any two questions from the following. 20
- A) Explain the term migration. Describe the problems arising due to migration in urban area.
 - B) How the land use in urban areas is changing with increasing urbanization.
 - C) Write a detail note on 'Smart City'.
