

(3 Hours)

[Total Marks : 100

- N.B. :** (1) All the questions are **compulsory** and carry equal marks.
(2) Draw sketches and diagrams wherever necessary.
(3) Use of map stencil is permitted.
(4) World map (appendix -2) should be tied along with your answer paper.

1. (A) Study the thematic map supplied to you (appendix 1) and answer the following questions.
- (i) What is theme and cartographic technique of the map. 2
 - (ii) State the female life expectancy in India and China. 2
 - (iii) Name any three countries having female life expectancy of more than 80 years. 3
 - (iv) Which region has less than 65 years female life expectancy? State the reasons. 3
1. (B) Mark and name the following features at the most appropriate location in the outline map of the world supplied to you (appendix 2)
- (i) Largest desert in the world and Major mountain range in Asia. 2
 - (ii) A densely populated region and a sparsely populated region. 2
 - (iii) A country having coastal location and a country having continental location. 2
 - (iv) Any two largest wind energy producing countries in the world. 2
 - (v) Any two metropolitan cities in northern hemisphere. 2

2. (a) What is Ecosystem? What are the functions of ecosystem?
(b) Give the definition and scope of environment.

OR

- (c) State the importance of environmental studies in detail?
(d) Write notes on :
(i) Food chain
(ii) Ecological pyramids

3. (a) Define conservation and state the methods of conservation.
(b) Explain the problems associated with management of forest resource.

OR

- (c) Describe the types of resources with the help of suitable examples.
(d) Give an account on resource utilization and sustainable development.
4. (a) Explain in detail pattern of population growth and associated problems in the World.
(b) Describe the measures taken to control population growth in India.

OR

- (c) Discuss on Human Development Index.
(d) Give in detail population explosion in India.
5. (a) Write in detail degradation of water resources in urban areas.
(b) State the problems arising due to migration in urban areas.

OR

- (c) Write notes on :
(i) Urbanisation
(ii) Urban Heat islands
(d) Give an account on ' Smart Cities'
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