

Q.P. Code :23124

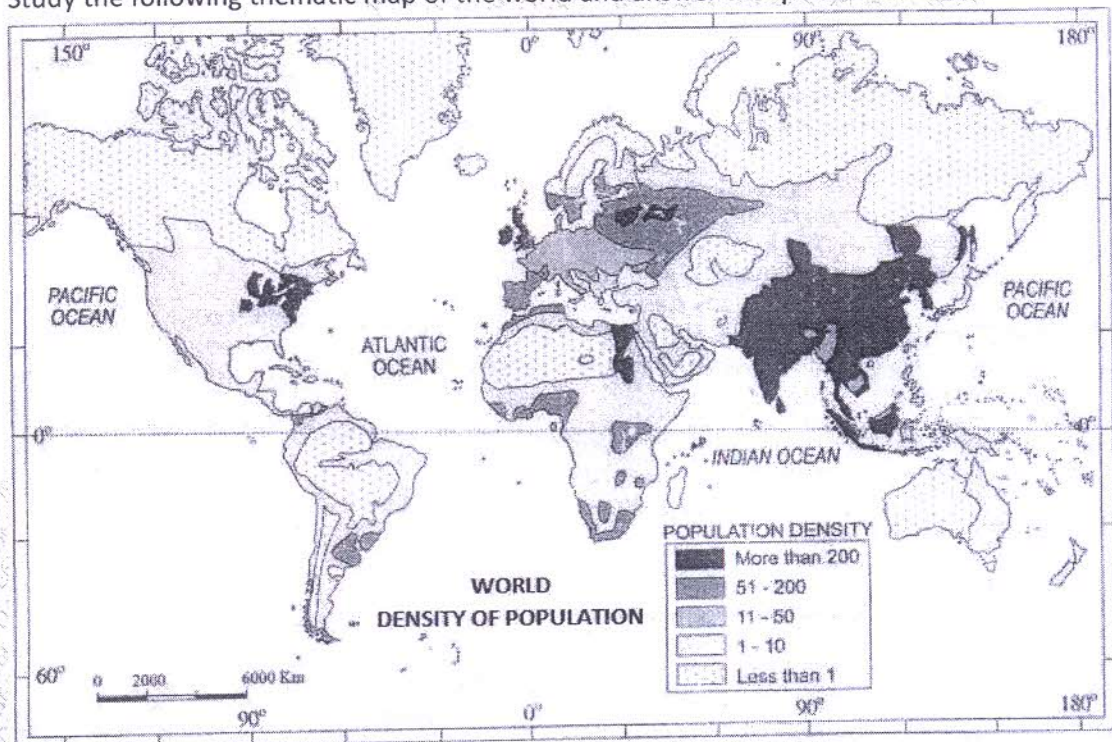
[Time: 3 Hours]

[Marks:100]

Please check whether you have got the right question paper.

- N.B:
1. All questions carry equal marks and are compulsory
 2. Draw neat maps, sketches and diagrams wherever necessary
 3. Use of map stencil is allowed.
 4. Attach Appendix -I (outline map of world) to your answer paper.

Q1. A) Study the following thematic map of the world and answer the questions.



- i) What is the theme of the map? Name the cartographic technique used to represent the theme. 02
- ii) Name any two countries from Asian continent having more than 200 density of population. 02
- iii) Name the continent having least density of population. Give reason. 02
- iv) Compare the population density of U.K with Canada. 02
- v) Briefly describe the distribution of population density in Northern Hemisphere. 02

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- Q 1. B) Mark and name the following on the outline map of the world given to you. (Appendix-I) 10
- i) Madagascar Island
 - ii) Bay of Bengal
 - iii) Major mountain range located in North America
 - iv) Area of coniferous forests in Asia
 - v) Any one area of oil field in India
 - vi) Any one country having low population growth from Africa
 - vii) Any one country having low human development index from Asia
 - viii) Any one million city located in Japan
 - ix) Any one area of desert in the world
 - x) Any one area affected by acid rain in the world

- Q 2. A) Explain with examples various biotic or living components of the environment. 10
- B) Write the meaning of term ecosystem. Explain the components and characteristics of forest ecosystem. 10

OR

- C) Discuss with diagram the energy transfer in ecosystem. 10
- D) Discuss with examples the impact of human activities on environment. 10
- Q 3. A) Distinguish between renewable and non-renewable resources. 10
- B) What are the different measures of coal and oil conservation? 10

OR

- C) Evaluate the role of forest in governing climate and biodiversity of a region. 10
- D) Write notes on: (i) Water conservation and management 10
(ii) Importance of solar energy

- Q 4. A) Comment on the factors influencing the growth of population. 10
- B) Discuss the different stages of population changes mentioned in 'Demographic Transition Theory'. 10

OR

- C) Write a note on over population and associated environmental problems. 10
- D) What are the different criteria to measure the Human Development Index (HDI)? 10

- Q 5. A) What is urbanization? Explain the processes of urbanization in India. 10
- B) Define migration. What are the different effects of migration? 10

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OR

- C) Discuss the impact of urbanization on climate and biodiversity. 10
- D) Write notes on-(i) Urban Heat Island 10
(ii) Parameters of Smart Cities
