

Q.P. Code :23121

[Time: Three Hours]

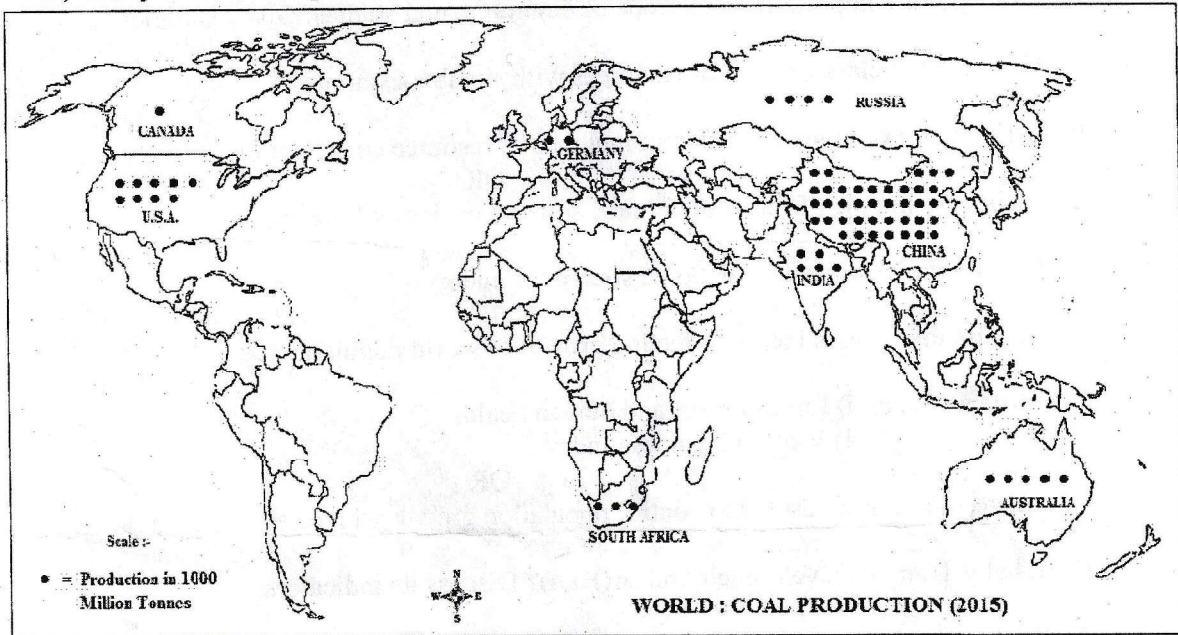
[Marks:100]

Please check whether you have got the right question paper.

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

Q.1

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 the countries with highest and lowest coal production. 02
  - iii) With the help of scale, find out the coal production in India and U.S.A. 02
  - iv) Compare the distribution of coal production in South Africa and China. 02
  - v) Briefly describe the distribution of coal in the world. 02
- B). Mark and name the following on the outline map of the world given to you in Appendix-I. 10
- i) Iceland
  - ii) Gulf of Mexico
  - iii) Major mountain range located in Asia
  - iv) Any one thorny forest region in Africa
  - v) Any one producer country of crude oil in the world.
  - vi) The country with highest population in the world
  - vii) Any one country from Europe with high Human Development Index.



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- viii) Any one million city in India
- ix) Any one area of the highest risk of deforestation in the world.
- x) The coast affected by oil spill in Atlantic Ocean.

- Q.2
- A. Define the term environment and explain its importance with examples. 10
  - B. What is ecosystem? State components of ecosystem. 10
  - OR
  - C. Discuss with diagrams the concept of food chain and food web. 10
  - D. Bring out the importance and scope of environmental studies. Give examples 10
- Q.3
- A. Give a detail classification of resources with suitable examples. 10
  - B. Write with examples the different methods of resource conservation. 10
  - OR
  - C. Elaborate the role of forest in climate, soil and ecology of the region. 10
  - D. Explain various non-conventional sources of energy. 10
- Q.4
- A. Discuss the various factors affecting growth of world population. 10
  - B. Write a note on i) Environment and human health  
ii) World Happiness Index 10
  - OR
  - C. Suggest various measures to control population growth with reference to India 10
  - D. What is Human Development Index (HDI)? Discuss its indicators. 10
- Q.5
- A. Explain the process of urbanization and its impact on environment with reference to Mumbai 10
  - B. Write in detail the various types and causes of migration. 10
  - OR
  - C. Discuss the impact of urbanization on land use and urban infrastructure. 10
  - D. Write Short note on : i) Urban heat island  
ii) Smart and safe cities. 10

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