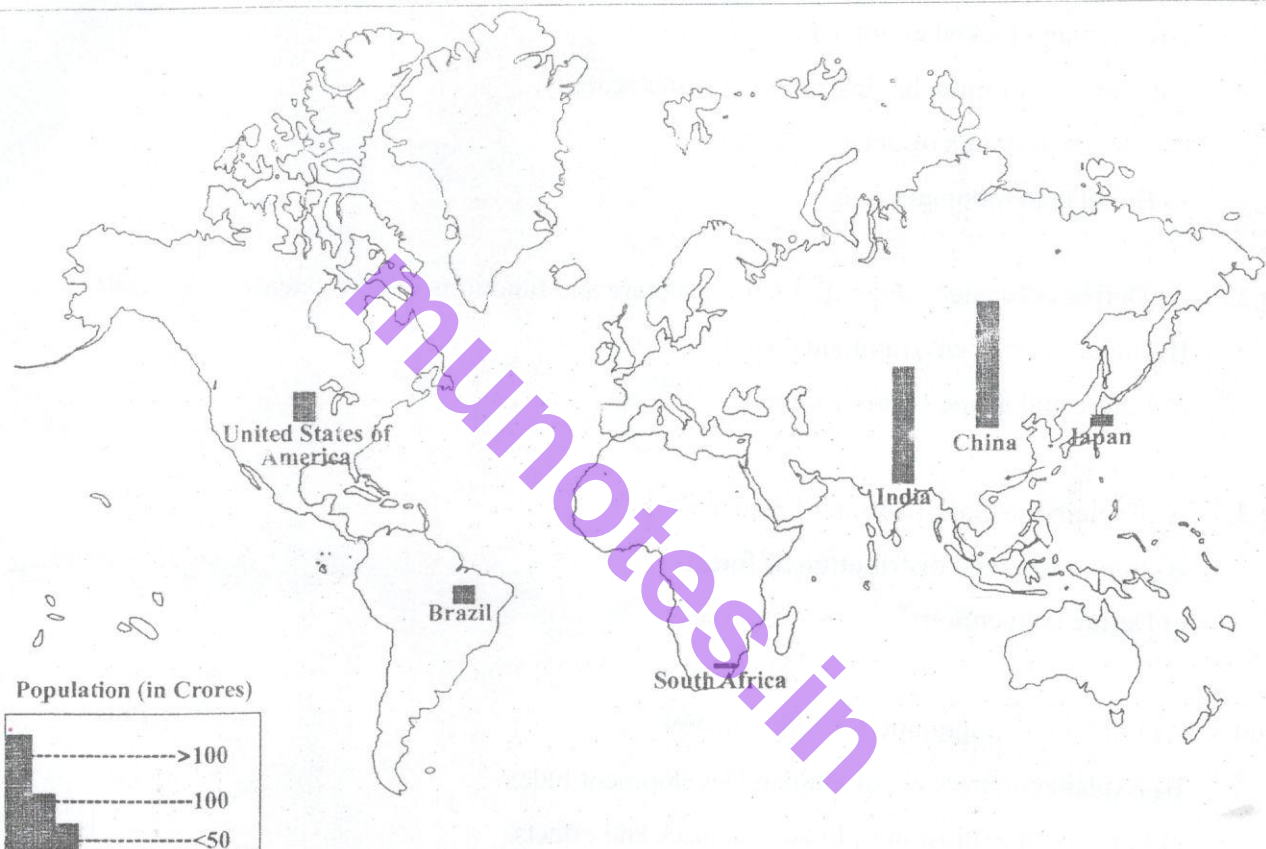


- Note: 1) All Questions are compulsory.  
2) Draw diagrams and map wherever necessary.  
3) Figures to right indicate full marks.  
4) Attach the Map to your answer paper.

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

### POPULATION OF SELECTED COUNTRIES, 2011



- What is the theme of the map?
- Which cartographic technique is used to represent the theme.
- What is the size of the population of India and USA.
- Name any two countries in the Asia having very large size of population.
- Name any two countries in the world having very less size of population.

- Q.1.** B) Mark and name the following at the most appropriate location in the outline map of the world supplied to you. (10)
- i) A country with highest deforestation in south America.
  - ii) Worlds largest desert.
  - iii) Tropic of cancer.
  - iv) Most populous country in the world.
  - v) New Delhi
  - vi) Largest producer of Wind energy in the world.
  - vii) Any land locked country in Asia.
  - viii) An area in India having physical water scarcity.
  - ix) The busiest area of ocean transport.
  - x) Himalayan mountain range.
- Q.2.** A) Define ecosystem and explain the structure and functions of ecosystem. (20)  
B) Importance of environmental studies.  
c) Nature and scope of environment.
- Q.3.** A) Explain the classification of resources. (20)  
B) Importance and distribution of forest.  
c) Define conventional energy resources.
- Q.4.** A) Explain demographic transition model. (20)  
B) Explain components of Human Development Index.  
c) Population explosion in India its causes and effects.
- Q.5.** A) Explain Smart City features. (20)  
B) Explain types and causes Migration.  
c) What is Urbanization and its Causes.