

Note : 1) All Questions are compulsory.

2) Draw diagrams/maps wherever necessary.

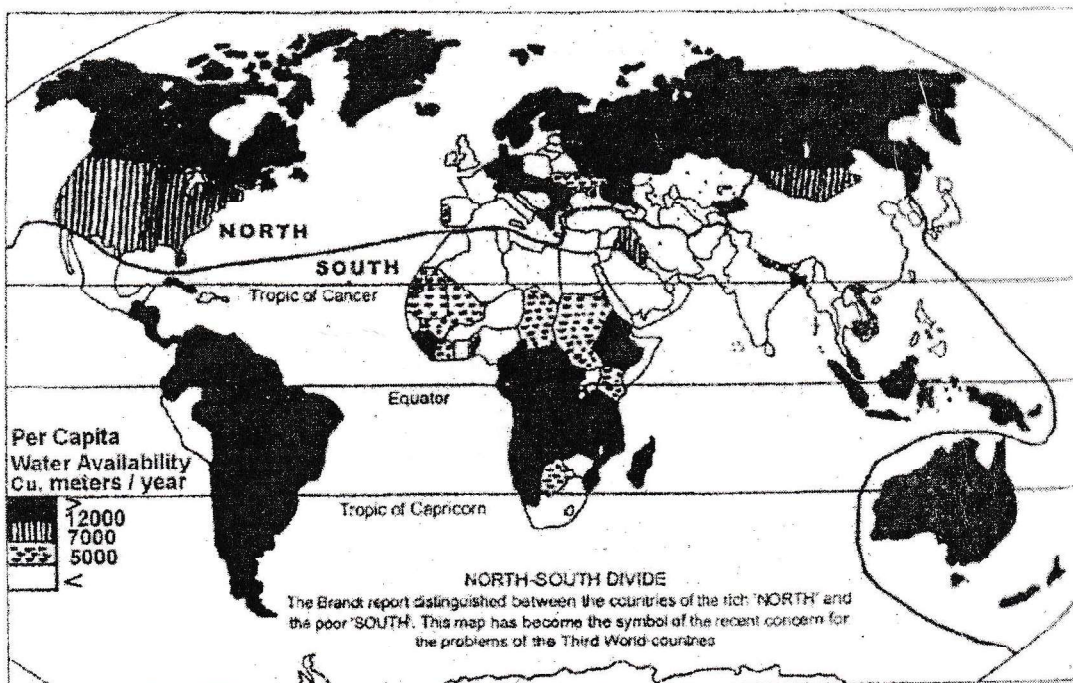
3) Figures to right indicate full marks allotted to the question.

4) Attach the map to your answer sheet.

Q.1. A) Study the following thematic map of the world & answer the question (10)

- 1) What is theme of the Map? Name the cartographic technique used to represent the theme.
- 2) Highest water available area in Asia.
- 3) Compare south America & North America water availability
- 4) Lowest water available areas in world.
- 5) Moderate water available in which area give any two names.

### World Water Availability



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

- 1) Largest River in the world.
- 2) Country having the highest deforestation rate in the world.
- 3) Highest HDI in Asia.
- 4) Petroleum Deposits in the world.
- 5) World largest producer of wind energy.
- 6) Any two metropolitan cities in Northern hemisphere.
- 7) Country having a continental location.
- 8) Any one country with high Human development index.
- 9) Madagascar.
- 10) Biggest cold Dessert of the world.

Q.2. A) Explain abiotic components of the environment. (10)

B) Explain Ecosystem with examples. (10)

OR

C) Explain Ecological pyramids with diagrammatic representation. (10)

D) Explain important & scope of the environmental studies. Give Examples. (10)

- Q.3. A) Define resources Explain Types of Resources. (10)  
B) Explain Conventional energy resources. (10)  
**OR**  
C) Explain water Resources in detail. (10)  
D) Explain conservation methods for Environment with examples. (10)
- Q.4. A) Comment on the factor influencing the growth of population. (10)  
B) Write Note on Human development index (HDI)? (10)  
**OR**  
C) Define population explosion? Explain problems associated with it. (10)  
D) Explain Demographic Transition Theory. (10)
- Q.5. A) Define migration. What are the different effects of migration? (10)  
B) Explain Land use change (10)  
**OR**  
C) Explain Urbanization & it's impact. on environment. (10)  
D) Write short notes on (10)  
i) Urban Heat island  
ii) Smart cities (10)

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