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Inviailator's Sianature:	

CS/HM/SEM-4/BHM-403/2012

2012 ENVIRONMENT & ECOLOGY

Time Allotted: 3 Hours Full Marks: 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP - A (Multiple Choice Type Questions)

1. Choose the correct alternatives for any *ten* of the following:

 $10 \times 1 = 10$

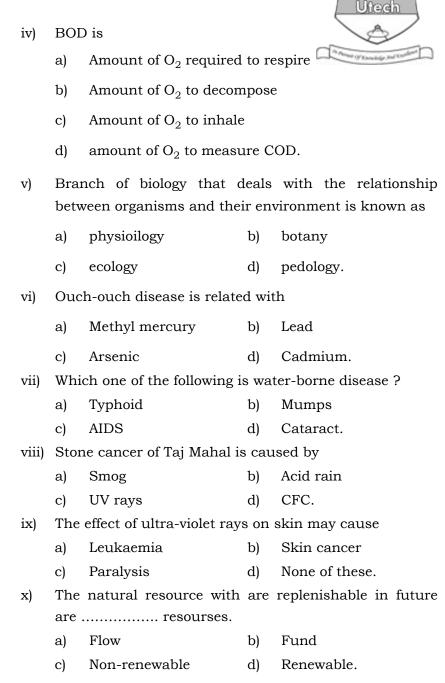
- i) Toxic metal when mixes with water causes
 - a) Environmental pollution
 - b) Noise pollution
 - c) Air pollution
 - d) Water pollution.
- ii) The commercial name of CFC is
 - a) Chlorofluorocarbon
-) Freon
- c) Chlorofluorocarbide
- d) Aerosol.
- iii) Which of the following contains maximum quantity of fresh water?
 - a) Glacier & Ice caps
- o) River

c) Lakes

d) Soil moisture.

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- xi) Arsenic pollution is caused due to excess presen
 - a) Iron

- b) Aluminium
- c) Iron and copper
- d) Copper and Lead.

- xii) VOC is
 - a) Volcanic Organic Compound
 - b) Volcano Originated Compound
 - c) Volatile Organic Complex
 - d) Volatile Organic Compound.

GROUP - B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

- 2. What are the impacts of population growth on resources?
- 3. What is biodegradable waste? How is biogas useful? 3 + 2
- 4. Define food chain. How can it be classified? 2 + 3
- 5. Write a note on 'The Earth Summit' of 1992?
- 6. How does the dispersion of smoke occur in atmosphere?
- 7. What are the effects of noise pollution?



GROUP - C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

- 8. What are the different sources of water pollution? What is arsenic pollution? Write a note on cyclone separator with suitable diagram. 7 + 3 + 5
- 9. What are the components present in soil? Explain the causes of soil erosion. Why is soil getting polluted? How can you prevent it?

 3 + 4 + 4 + 4
- 10. What are the bad effects of Air pollution ? What is the composition of atmosphere ? Which gases are responsible for greenhouse effect ? 9 + 4 + 2
- 11. Write an account of waste management in Hospital. Do you think further measures are necessary?

 12 + 3
- 12. Write short notes on any three of the following:
 - a) Biodiversity
 - b) Carbon cycle
 - c) Pollution Control Board of India
 - d) Heavy metal pollution
 - e) Ganga Action Plan
 - f) Energy pyramid.

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