

NOTE : All questions are compulsory.

Figures to the right indicate marks

Mixing of sub-questions is not allowed

Assume suitable data if necessary and state is clearly.

**Q.1 Attempt the following.**

**[40 Marks]**

1. POPs is \_\_\_\_\_.  
a. Persistent Oxidizing Pollutants  
b. Permanent Organic Pesticides  
c. Persistent Organic Pesticides  
d. Persistent Organic Pollutants
2. DDT is  
a. not soluble in water  
b. more soluble in fat than water  
c. less soluble in fat than water  
d. not soluble in fat
3. India has the world's largest share of \_\_\_\_\_.  
a. Manganese  
b. Mica  
c. Copper  
d. Diamond
4. The major purpose of most of the dams around the world is \_\_\_\_\_.  
a. power generation  
b. irrigation  
c. drinking water supply  
d. flood control
5. \_\_\_\_\_ the largest reservoir of nitrogen on our planet .  
a. oceans  
b. atmosphere  
c. biosphere  
d. fossil fuels
6. \_\_\_\_\_ terminologies is not associated with the vertical structure of forest  
a. Canopy  
b. Understory  
c. Forest floor  
d. First floor
7. \_\_\_\_\_ is the biodiversity hotspot in India.  
a. Gulf of Mannar  
b. Western Ghats  
c. Pachmarhi  
d. Sunderbans
8. Lion-tailed macaque is found in \_\_\_\_\_.  
a. Western Ghats  
b. Eastern Ghats  
c. Caucasus  
d. Western Himalayas
9. \_\_\_\_\_ is an air pollutant.  
a. Nitrogen  
b. Carbon monoxide  
c. Carbon dioxide  
d. Oxygen
10. Smog is \_\_\_\_\_.  
a. natural phenomenon  
b. a combination of smoke and fog  
c. is colourless  
d. all of these



B. Solve any ONE.

[03 Marks]

1. What is food security?
2. What are problems associated with the use of Fertilizers?

Q.3 Attempt the following

A. Solve any ONE.

[04 Marks]

1. Give the Biological Cycling Materials in an Ecosystem
2. How does energy and nutrient flow through ecosystem?

B. Solve any ONE.

[03 Marks]

1. What is Biopriacy?
2. What is Endemic species of India?

Q.4 Attempt the following

A. Solve any ONE.

[04 Marks]

1. Give the sources of air pollution
2. Give the major form of water pollution.

B. Solve any ONE.

[03 Marks]

1. Write a note on Human Rights.
2. Write a note on Child Development Plan.

Q.5 Attempt the following

A. Solve any ONE.

[04 Marks]

1. What is carrying capacity?
2. What are the three urban crisis issues that define the shape and future in cities?

B. Solve any ONE.

[03 Marks]

1. What is Acid Rain? Give its effect.
2. Give different types of Environmental Impact Assessments.

Q.6 Attempt the following :

A. Solve any ONE.

[04 Marks]

1. Explain the ENVIRONMENTAL IMPACT ANALYSIS (EIA)
2. What is role of information technology in environment and human health.

B. Solve any ONE.

[03 Marks]

1. Explain POPULATION EXPLOSION.
2. Explain ENVIRONMENT (PROTECTION) ACT.

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