

**Duration: 3 hrs**

**[Max Marks: 80]**

- N.B. : (1) Question No 1 is Compulsory.  
(2) Attempt any three questions out of the remaining five.  
(3) All questions carry equal marks.  
(4) Assume suitable data, if required and state it clearly.

- 1 Attempt any FOUR [20]  
a Explain briefly roles and duties of Environmental manager?  
b What is meant by disaster? Differentiate between Industrial Disaster and Man Made Disaster.  
c What is the scope of Environment Management?  
d With reference to the concept of sustainability, write short notes on the 'Triple Bottom Line approach'.  
e Give a brief account of the Factories Act.
- 2 a Discuss briefly about the standards in ISO 14000 family of standards. [10]  
b Discuss in detail about Environmental issues relevant to India. [10]
- 3 a What is Corporate Environmental Responsibility? Explain it. [10]  
b Discuss the cause of Global warming. Explain briefly its effects and control measures. [10]
- 4 a With reference to EMS, explain PDCA cycle with neat diagram. [10]  
b Discuss the role of Central Pollution Control Board (CPCB) in pollution monitoring. [10]
- 5 a What do you understand by the term "Biodiversity"? Discuss about the factors causing loss of biodiversity. [10]  
b Discuss the salient features of the Water (Prevention and Control of Pollution) Act. [10]
- 6 a What is the concept of carrying capacity? What is meant by habitat? Elaborate. [10]  
b Explain the concept of Total Quality Environmental Management (TQEM)? [10]
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