

**GANPAT UNIVERSITY**

**B. TECH. SEMESTER: I & II (ALL BRANCHES)**

**REGULAR/REMEDIAL EXAMINATION-NOV-DEC 2016**

**2CI103: ENVIRONMENTAL STUDIES & DISASTER MANAGEMENT**

Time: 3 Hours / As per Scheme

**Total Marks: 60**

- Instruction:**
1. This Question paper has two sections. Attempt each section in separate answer book.
  2. All questions are compulsory.
  3. Figure to the right indicates full marks.

**SECTION – I**

- Que. – 1    A.    Define environment. Describe physical components of environment. 5  
                   B.    Explain the importance of environmental education. 5

**OR**

- Que. – 1    A.    Explain sustainable development and IPAT model. 5  
                   B.    Impact of technology on environment. 5

- Que. – 2    A.    Define and explain food web. 5  
                   B.    Describe Carbon cycle in detail. 5

**OR**

- Que. – 2    A.    Define ecology and what are the objectives of ecology? 5  
                   B.    Write short note on Aquatic ecosystem. 5

- Que. – 3    A.    Write a short note on Hydropower energy. 5  
                   B.    What are the advantages and disadvantages of nonrenewable energy sources? 5

**SECTION – II**

- Que. – 4    A.    Describe classification of air pollutants. 5  
                   B.    Control measures for noise pollution. 5

**OR**

- Que. – 4    A.    Define water pollution. Describe the sources of water pollution. 5  
                   B.    Explain acid rain chemistry. Describe the sources of acid rain. 5

- Que. – 5    A.    Write a short note on Great London Smog-London disaster. 5  
                   B.    Describe types of flooding. 5

**OR**

- Que. – 5    A.    Explain formation of cyclone. 5  
                   B.    Define the terms. 1. Earthquake 2. Hijack 3. Demonstration 4. War, 5. Nuclear and Radiation accident. 5

- Que. – 6    A.    Describe organizing relief measures at national and local level. 5  
                   B.    Describe government response in disasters. 5

----END OF PAPER---