

**Cluster Innovation Centre, University of Delhi, Delhi-110007**

**Examination : End Semester Examination –March 2022**

**Name of the Course : B.Tech (Information Technology and Mathematical Innovations)**

**Name of the Paper : Environment Science & Ecosystem Management**

**Paper Code : 32861107**

**Semester : I**

**Duration : 3 Hours**

**Maximum Marks : 75**

**Instructions:**

**This question paper contains six questions, out of which any four are to be attempted. Each question carries equal marks.**

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1. Describe the structure of ecosystem and Energy flow in ecosystem.
2. Discuss the Millennium ecosystem assessment and Ecosystem services.
3. Describe the Anthropocene extinction and Permian extinction.
4. Describe the Taiga biome and species composition in Taiga.
5. What are primary and secondary air pollutants? How air pollution affects the ecosystem productivity.
6. What is bio-diversity hot spot area? Discuss the criteria to qualify in the bio-diversity hotspot area.