

**School of University Polytechnic****Diploma in Computer Science and Engineering  
Semester End Examination - Jun 2024****Duration : 180 Minutes  
Max Marks : 100****Sem II - N1DF103T - Environment Education and Disaster Management**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

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|-----|---|--------|
| 1)  | Define "Vulnerability Assessment."  | K1(2)  |
| 2)  | Explain the effects of deforestation on soil erosion.                             | K2(4)  |
| 3)  | Explain "Resilience" in the context of disaster management.                       | K2(6)  |
| 4)  | Identify the factors influencing water quality in a river ecosystem.              | K3(9)  |
| 5)  | Identify the importance of international cooperation in disaster relief efforts.  | K3(9)  |
| 6)  | Explain a community-based initiative to promote fire safety in residential areas. | K5(10) |
| 7)  | Analyze a disaster recovery plan for a coastal community affected by a tsunami.   | K4(12) |
| 8)  | Explain the effectiveness of evacuation plans in disaster response.               | K5(15) |
| 9)  | Explain the role of NGOs in disaster recovery and rehabilitation.                 | K5(15) |
| 10) | Elaborate the role of early warning systems in disaster risk reduction.           | K6(18) |