

School of Basic Sciences**Bachelor of Science Honours in Physics
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem IV - C1UB407T - 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) | How do we define climatic disasters like tropical cyclones, floods, and droughts? | K1(3) |
| 2) | Compare the importance of recovery measures following a disaster. | K2(4) |
| 3) | Demonstrate the methodology used in drought assessment. | K2(6) |
| 4) | Illustrate the concept of risk assessment in the context of disaster management. | K3(6) |
| 5) | Illustrate the case study about forest fires in India. | K3(6) |
| 6) | Utilize the weather forecasting. Give the suitable examples of forecasting. | K3(9) |
| 7) | Utilize the factors causing landslide. | K3(9) |
| 8) | Analyze the role of education and awareness in disaster preparedness. | K4(8) |
| 9) | Examine the risk assessment types and steps involved in it. | K4(12) |
| 10) | Conclude the Training and drills for disaster preparedness in disaster management. | K5(10) |
| 11) | Evaluate the different Climate change adaptations after disaster development. | K5(15) |
| | OR | |
| | Evaluate the key components of a successful disaster recovery strategy. | K5(15) |
| 12) | Predict the causes for the Tsunami 2004 which inflicted heavy loss to life and property along the coast of Tamil Nadu? Specify its epicenter and magnitude. | K6(12) |
| | OR | |
| | Predict about earthquake vulnerability assessment and building and infrastructure. | K6(12) |