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**School of Basic Sciences**  
**Bachelor of Science Honours in Physics**  
**Mid Term Examination - May 2024**

**Duration : 90 Minutes**  
**Max Marks : 50**

**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*

- 1) Summarize the mechanisms behind geological disasters like earthquakes, tsunamis, landslides, and volcano eruptions. K2 (2)
- 2) How do climatic disasters, especially those related to wind and water, manifest? K1 (3)
- 3) Compare hazards and vulnerability. K2 (4)
- 4) Demonstrate how epidemics like cholera and typhoid qualify as disasters. K2 (6)
- 5) Illustrate the difference between hazard and risk with examples. K3 (6)
- 6) Utilize the early warning systems that help mitigate the impact of disasters. K3 (9)
- 7) Analyze the urbanization contributes to the increasing risk of disasters. K4 (8)
- 8) Examine earthquake by defining its types, causes, and preventive measures in detail. K4 (12)

**OR**

Examine the concept of disaster risk governance and its importance in detail. K4 (12)