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| **Trim: Jan-Mar 2025**  **Maximum Marks: 50 Examination: ETE Exam Date: 04/04/2025 Duration: 3 Hours** | | |
| **Programme code: 06**  **Programme: MBA (HCM)** | **Class:** SY | **Semester/Trimester: VI** |
| **College:**  **K. J. Somaiya Institute of Management** | **Name of the department/Section/Center:** | |
| **Course Code: 117P06C607** | **Name of the Course: Risk and Disaster Management** | |
| **Instructions:**   1. **All Questions are compulsory.** 2. **Question 5 has two sub Questions each having 5 marks each.** | | |

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| **Question No.** | **Question details** | **Max.**  **Marks** |
| 1. | 1.1 Define the Risk and Hazard assessment? What is the relationship between the Risk, Capacity and Hazard?  1.3 How is risk assessment done, specify with a suitable example?  1.4 Enumerate in details Risk assessment and Methods to measure? | 10 Marks |
| 2. | 2.1 Define Vulnerability?  2.2 What are the vulnerability assessment methods and approaches of vulnerability analysis? | 10 Marks |
| 3. | **Scenario** - You are the risk manager of a multi-specialty hospital located in a disaster-prone region. A recent earthquake has severely damaged the hospital infrastructure, disrupted critical medical services, and created panic among patients and staff.  **Question** - As a part of the hospital's disaster response team, outline a strategic action plan to manage the crisis effectively. Your response should include immediate response measures, risk mitigation strategies, stakeholder communication, and long-term recovery plans. | 10 Marks |
| 4. | **Scenario** - A large hospital in your city has been hit by a cyberattack, leading to a complete shutdown of its digital records system, including patient records, billing, and scheduling.  **Question** - As the hospitals risk management officer, you are responsible for leading the response team. Explain the step-by-step approach you would take to handle the crisis, restore operations, and prevent future cyber threats. Provide practical examples to support your answer. | 10 Marks |
| 5. | 5. 1 What is the definition of disaster and what are the types of disaster?  5.2 What are the phases of disaster write in short about each phases of disaster? | 10 Marks |