## **R18** Code No: 156DP JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B. Tech III Year II Semester Examinations, February/March - 2022 DISASTER PREPAREDNESS AND PLANNING MANAGEMENT (Common to EEE, ME, ECE, CSE, IT, MIE, PTM) Time: 3 Hours Max. Marks: 75 Answer any five questions All questions carry equal marks What is hazard identity and brief on concepts of disaster management 1.a) b) What is capacity? What are the means of enhancing capacity? 2. Define vulnerability. How are vulnerabilities categorized? What are the factors that increase vulnerability? [15] How are tsunamis formed and discuss the manmade disasters. 3.a) What are the causes of transportation accidents due to non collision? b) 4.a) How is an earthquake formed and brief on ecological fragility? b) What are the sources of radioactivity? [8+7]5. Explain in detail the impact of disaster on the attitude of disaster victims and discuss on climate change and urban disasters. 6.a) What is the impact of disaster mismanagement on the nation's image? What is the nature of impact of disaster on children? 7.a) What are the phases of Disaster Management Cycle? Briefly describe each of the phases of Disaster Management Cycle. What is National Disaster Response Force and brief on structural and non structural b) measures of risk reduction? [8+7]What are the aspects to be considered under vulnerability analysis? 8.a) What are the measures being undertaken for preventing vehicular pollution? ---00O00---

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