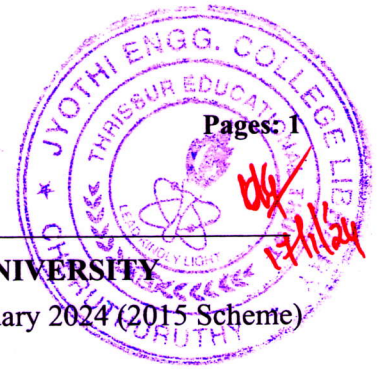


D

16000CE488062302



Pages: 1

Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

B.Tech Degree S8 (S, FE) / S8 (PT) (S, FE) Examination January 2024 (2015 Scheme)

Course Code: CE488

Course Name: DISASTER MANAGEMENT

Max. Marks: 100

Duration: 3 Hours

Part A

Answer any two full questions, each carries 15 marks

- | | Marks |
|--|-------|
| 1. a) What is Green house effect? | (7) |
| b) Define the terms Hazard, Vulnerability, Risk and Emergency. | (8) |
| 2. a) Explain the various reasons for the occurrence of an earthquake. | (8) |
| b) Explain the different types of mass movements. | (7) |
| 3. a) Explain various hazards associated with earthquakes. | (9) |
| b) Explain causes of mass movements? | (6) |

Part B

Answer any two full questions, each carries 15 marks

- | | |
|---|-----|
| 4. a) Explain causes of floods. | (5) |
| b) What are the effects of cyclones? | (3) |
| c) Describe different types of floods. | (7) |
| 5. a) Discuss the causes for generation of tsunami with suitable diagram. | (8) |
| b) Discuss about the cyclone management and mitigation measures. | (7) |
| 6. a) What are the solutions for soil desertification? | (6) |
| b) What are the effects for soil degradation? | (9) |

Part C

Answer any two full questions, each carries 20 marks

- | | |
|---|------|
| 7. a) Explain different sources of surface water pollution. | (10) |
| b) Discuss about various types of water pollutants. | (5) |
| c) How does air pollution effects living organism? | (5) |
| 8. a) Explain the stages of treatment of waste water. | (9) |
| b) What are the classification of air pollutants? Explain with example. | (6) |
| c) Discuss control measures of vehicular pollution. | (5) |
| 9. a) What is the National Floodplains Zoning Policy? | (8) |
| b) Explain structural measures for flood management. | (6) |
| c) Explain the methodology of flood forecasting. | (6) |
