

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Scheme for Valuation/Answer Key

Scheme of evaluation (marks in brackets) and answers of problems/key

EIGHTH SEMESTER B.TECH DEGREE EXAMINATION, MAY 2019

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) Explain differences between hazards and disasters.	(4+4)
	b) Define the terms risk, vulnerability and crisis.	(3+2+2)
2	a) Explain the concept of green house effect.	(7.5)
	b) What is Global Warming and what are the main causes of global warming.	(7.5)
3	a) Write a short note on the impact of earthquakes.	(7.5)
	b) Explain the term vulnerability with respect to earthquakes	(7.5)

PART B

Answer any two full questions, each carries 15 marks.

4	a) Causes of tsunamis	(4)
	b) Any six points	(6)
	c) Any five points	(5)
5	a) List any five probable impacts of cyclones	(5)
	b) Explain the origin of cyclones	(4)
	c) Explain any one application of technology in cyclone disaster management	(6)
6	a) How do soils originate?	(4)
	b) What is soil degradation?:	(5)
	c) Any six impacts	(6)

PART C

Answer any two full questions, each carries 20 marks.

7	a) Explain water pollution	(2)
	b) Any 4 causes and explanation	(8)
	c) Point and non-point sources with example	(3+3)
	d) 4 points	(4)
8	a) Explain air pollution	(2)
	b) causes of air pollution (3 points with explanation)	(2+2+2)



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- c) Primary and secondary air pollutants (explain with example) (3+3)
- d) Impacts of air pollution (6 points) (6)
- 9 a) Flood forecasting (any 5 points) (5)
- b) mitigation measures for flood disaster (any 4 points and explanation) (8)
- c) Impacts of a cyclone (7)

