Laydu Singh Charitable Trust's (Regd.)

THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

Autonomous College Affiliated to University of Mumbai
Approved by All India Council for Technical Education(AICTE) and Government of Maharashtra(GoM)
Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. A.Y 2019-20
Amongst Top 200 Colleges in the Country, Ranked 197 in NIRF India Ranking 2019 in Engineering College category
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Estd. in 2001

END SEMESTER EXAMINATION, DECEMBER 2022
B. E. SEMESTER VII (CBCGS-H 2019)

Branch:	ALL	**Q.P. Code:**	47160E200463
Subject:	Disaster Management and Mitigation Methods	**Duration:**	**3 hours**
Subject Code:	CE-ILO7017	**Max.Marks:**	75

Instructions:
1. **All sections are compulsory**
2. **Figures to the right indicate full marks.**
3. **Assume suitable data if necessary and state the assumptions clearly.**

Section-I	**Short Answer Questions (Answer any 05 questions out of 06) (Fundamental, Core Types)**				**(10 Marks)**
Q. No.		**Marks**	**CO**	**RBT Level**	**PI**
1	Give examples of disaster scenario at global level	2	1	2	10.1.2
2	Write a note on cloud burst	2	2	3	9.1.1
3	Describe the objectives of disaster management	2	3	4	8.1.1
4	Describe the methods to create public awareness in disaster management	2	4	5	7.2.2
5	Explain the need of raising disaster relief fund	2	5	2	11.1.1
6	Portray in details about the measures required to be taken in post periods of cyclone	2	6	3	12.2.1
Section-II	**Descriptive Answer Questions (Answer any 05 out of 07) (Descriptive, Comprehension Types)**				**(25 Marks)**
1	Write your view about importance of study of disasters in human life	5	1	2	10.2.2
2	Describe in details about any one manmade disaster in India	5	2	3	9.2.4
3	Describe with examples the important causes of higher disaster risk in India	5	3	4	6.2.1
4	Explain NIDM structure and its responsibilities	5	4	5	11.2.1
5	Explain the role of government agencies in relief fund raising for disaster expenditure	5	5	2	8.2.2
6	Portray with examples the pre and post flood disasters in India	5	6	3	12.2.2
7	Write on any one disaster you had experienced in your life in details	5	3	4	11.3.1
Section-III	**Long Answer Questions (Answer any 04 out of 06) (Application, Analytical, Evaluation, Design Type)**				**(40 Marks)**
1	Write your views on global warming and Describe the effects of global warming	10	1	2	10.3.2
2	Bring out relationship between growth of population and disasters	10	2	3	9.3.1
3	Describe in details about principles of disaster management policies	10	3	4	7.1.2
4	Write on role of software in disaster management	10	4	5	6.2.1
5	Write in brief about (i) international red cross (ii) WHO	10	5	2	11.3.2
6	Write on 4 basic elements of early warning system	10	6	3	12.1.2