Sanjay Ghodawat University, Kolhapur

2019-20

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/01

FY M Tech | **School of Technology** | **Semester I**

Electrical Eng

Code:ELE515 | **Course: Disaster Management** | **Max Marks: 100**

Saturday 28/12/19

End Semester Examination (ESE) | **Time: 3 Hrs**

10:30am to 1:30pm

Instructions for Students: 1) Assume suitable data wherever necessary

2) All questions are compulsory

			Marks	Bloom's Level	CO
Q1		Solve any Two			
	a)	Elaborate the classification of disaster	09	4	1
	b)	Explain indigenous & exogenous hazards with an example	09	3	1
	c)	Explain the characteristics of disaster	09	3	1
Q2		Solve any Two			
	a)	Differentiate between hazard & disaster.	04	2	2
	b)	Explain any two from following a. Earthquake b.Volcanism c. Cyclones	12	4	2
		OR			
	b)	Explain any two from following a. Nuclear meltdown b. Industrial accident c. Oil slicks and spills	12	3	2
Q3	a)	Explain post disaster diseases & epidemics	04	4	3
	b)	Explain the flood & drought prone area in India	12	3	3
Q4		Solve any Two			
	a)	Explain the steps of disaster preparedness	09	3	3
	b)	Write the origination preparedness structure.	09	2	2
	c)	Explain the role of media in emergency management	09	2	2
Q5		Solve any two			
	a)	Explain risk assessment	04	2	4
	b)	Explain community participation in risk assessment	12	2	4
		OR			
	b)	Explain the techniques of risk assessment	12	3	4
Q6	a)	Explain the concept of disaster mitigation	04	2	3
	b)	Explain in detail structural mitigation approach : a) selection of sites for industries and residential buildings b) Stability of structure issues and concern.	12	3	4

ESE