

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2020

Course: Global Disaster Scenarion

Semester: VIII

Program: B.Tech.-FSE

Time 03 hrs.

Course Code: FSEG 451

Max. Marks: 100

Instructions: Read the question properly and give the most relevant answer

SECTION A

S. No.		Marks	CO
Q 1	List the main and secondary hazards of earthquake (mark the most appropriate one) a) Main hazard: Ground shaking; Secondary hazard: Landslide, rock fall, tsunamis, floods, fires and falling debris. b) Main hazard: Subsidence; Secondary hazard: Ground shaking, landslide, rock fall, tsunamis, floods. c) Main hazard: Ground shaking; Secondary hazard: Landslide, rock fall, tsunamis, floods, corona pandemic, falling debris. d) Main hazard: Tsunami; Secondary hazard: Landslide, rock fall, floods, fires and falling debris. e) None of the above	5	CO2
Q 2	Under which Zone of earthquake does Dehradun comes. a) Zone I b) Zone II c) Zone III d) Zone IV	5	CO4
Q 3	Nipah Virus originated from _____ and _____ state is affected by this virus in India a) Crow, Karnataka b) Pigs and Gujarat c) Hen and Tamilnadu d) Bats and Kerala	5	CO1
Q 4	Use of triage card a) Priorities the person on basis of severity of injury condition b) Given to people which has instruction about escape c) Consist of information about rescue officers d) Consists of three mobile numbers of your know person which will be helpful during emergency e) None of the above	5	CO1
Q 5	Explain the effects of deforestation a) Impact of flood will be high b) Increases global warming c) Land slide will be happen d) Forest fire e) (a).(b) and (c) f) (a),(b),(c) and (d)	5	CO3

Q 6	Which of the following option lists only the anthropogenic disasters a) Bhopal gas tragedy, Mexico disaster, Mumbai bomb blast, meteoroid attack b) Jaipur accident, Chernobyl accident, Hiroshima bombing, Uttarakhand floods c) Indian ocean Tsunami, Amazon wild fire, Indonesian volcanic eruption, Nepal earth quake d) Syria chemical weapon usage, Deep water horizon oil spill, Coimbatore bomb blast, Flixborough Disaster.	5	CO2
SECTION B			
Q 6	Discuss the importance of Incident command System and its roles in disaster management.	10	CO2
Q 7	Explain the risk assessment procedures of disaster management	10	CO3
Q 8	List out the roles of NDMA, NIDM and SDMA and NDRF	10	CO1
Q 9	Summarize the causes for the Bhopal gas tragedy in detail	10	CO4
Q 10	Classify the geophysical and hydrological disasters (OR) Explain the different phases of Disaster management	10	CO1 &CO2
SECTION-C			
Q 11	a) Discuss the outbreak of COVID19, its history, method of spread, control methods and treatment methods, adopted in detail. (OR) b) Consider you are disaster management specialist and make elaborate disaster management plan for any one natural disasters.	20	CO3 & CO4