


Name: Enrolment No:			
<b>UNIVERSITY OF PETROLEUM AND ENERGY STUDIES</b> <b>End Semester Examination, December 2022</b>			
<b>Course: Disaster Preparedness and Planning</b> <b>Program: B.Tech (Civil Engineering)</b> <b>Course Code: CIVL 4062</b>		<b>Semester: VII</b> <b>Duration: 3 hrs.</b> <b>Max. Marks: 100</b>	
<b>Instructions: <u>All questions are compulsory to attempt.</u></b>			
<b>SECTION A (20 Marks)</b>			
S. No.	Question	Marks	CO
Q 1.	What do you understand by Disaster Risk Reduction (DRR) and state its relevance in disaster management.	4	CO2
Q 2.	State the various mental health impact of disaster.	4	CO3
Q 3.	Enlist the critical tools of Disaster Management.	4	CO1
Q 4.	State the relevance of Disaster Management Act, 2005.	4	CO4
Q 5.	What do you understand by primary and secondary disaster mitigation.	4	CO2
<b>SECTION B (40 Marks)</b>			
Q 6.	Analyze the term “resilience”. Discuss the four dimensions of resilience along with their key points.	10	CO1
Q 7.	Explain the disaster recovery phase of disaster management along with its relevance and critical points.	10	CO4
Q 8.	Explain the various strategies of disaster mitigation adopted for Disaster Risk Reduction. <p style="text-align: center;">OR</p> Discuss the various technologies of disaster risk management along with their critical points.	10	CO2
Q 9.	Explain comprehensively the impact of disaster on public human health.	10	CO3
<b>SECTION-C (40 Marks)</b>			
Q10.	Discuss the structure of National Disaster Management Authority in India along with each level responsibilities/duties. <p style="text-align: center;">OR</p> Discuss the framework of National Disaster Management Structure in India along with each level involvement and key points.	20	CO4

Q11.	Analyze the various dimensions of vulnerability critical for its assessment. Also, explain the different components of those dimensions and measures to assess the components.	<b>20</b>	<b>CO2</b>
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