

Hall Ticket Number :										
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R-19

Code: 19A18DT

IV B.Tech. II Semester Regular Examinations April 2023

Disaster Management

(Common to ME & CSE)

Max. Marks: 70

Time: 3 Hours

Answer any five full questions by choosing one question from each unit (5x14 = 70 Marks)

Marks CO BL

UNIT-I

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|----|---|-----|-----|----|
| 1. | Discuss about the statement 'Disasters occurs when Hazard meets the Vulnerability' with the help of any flow chart. | 14M | CO1 | L2 |
|----|---|-----|-----|----|

OR

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|----|---|----|-----|----|
| 2. | a) Explain in detail about the vulnerability profile of India | 7M | CO1 | L2 |
| | b) Define disaster management. Explain disaster management cycle? | 7M | CO1 | L1 |

UNIT-II

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|----|---|----|-----|----|
| 3. | a) Explain in brief about the vulnerability and damage caused by floods | 7M | CO2 | L2 |
| | b) Explain in detail about the causes and types of droughts | 7M | CO2 | L2 |

OR

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|----|---|----|-----|----|
| 4. | a) What is earthquake? Explain terms related to earthquake? | 7M | CO2 | L1 |
| | b) What the main steps that are involved in recording the disasters? Explain any case study recorded in India, related to earthquake. | 7M | CO2 | L1 |

UNIT-III

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|----|---|-----|-----|----|
| 5. | Discuss the environmental, health, psycho-social impacts due to nuclear radiation and volcanoes taking suitable examples. | 14M | CO3 | L2 |
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OR

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|----|--|-----|-----|----|
| 6. | Discuss the ecological, social, economic impacts due to cyclones and drought taking suitable examples. | 14M | CO3 | L2 |
|----|--|-----|-----|----|

UNIT-IV

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|----|---|----|-----|----|
| 7. | a) Describe various organizations in India towards disaster management? | 7M | CO4 | L2 |
| | b) Explain disaster mitigation mechanisms in India? | 7M | CO4 | L2 |

OR

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|----|--|----|-----|----|
| 8. | a) Explain the role of disaster mitigation agencies at different levels? | 7M | CO4 | L2 |
| | b) Discuss in detail about the 'Disaster management' cycle and its phases? | 7M | CO4 | L2 |

UNIT-V

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|----|--|-----|-----|----|
| 9. | What are the positive and negative impacts due to dam construction on both sides of dam? | 14M | CO5 | L1 |
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OR

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|-----|---|-----|-----|----|
| 10. | Explain the methods to predict natural disasters and discuss the role of technology in disaster management. | 14M | CO5 | L2 |
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Hall Ticket Number :										
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R-19

Code: 19A38ET

IV B.Tech. II Semester Regular Examinations April 2023

Entrepreneurship Development

(Common to CE & CSE)

Max. Marks: 70

Time: 3 Hours

Answer any five full questions by choosing one question from each unit (5x14 = 70 Marks)

		Marks	CO	BL
UNIT-I				
1.	Define the term entrepreneur and explain the characteristics of an Entrepreneur?	14M	C1	L1
OR				
2.	What are the factors that affect the entrepreneurial growth in the country? Discuss in detail?	14M	C1	L1
UNIT-II				
3.	What are the major motives influencing the entrepreneur and explain them?	14M	C2	L1
OR				
4.	What are the Entrepreneurship Development Programmes and explain its need and objectives?	14M	C2	L2
UNIT-III				
5.	Define SSI? Explain the steps involved in setting up of business?	14M	C3	L1
OR				
6.	Briefly discuss the system of Project Appraisals?	14M	C3	L2
UNIT-IV				
7.	What is Working Capital? Discuss the importance and sources of working capital of SSIs?	14M	C4	L2
OR				
8.	What is Break Even Point? Explain in detail?	14M	C4	L1
UNIT-V				
9.	What is small scale industry sickness? Explain the causes and consequences?	14M	C5	L2
OR				
10.	What is the government policy with regarding Small Scale Industry? Discuss?	14M	C5	L2

END

Hall Ticket Number :										
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R-19

Code: 19A58CT

IV B.Tech. II Semester Regular Examinations April 2023

Software Architecture

(Computer Science and Engineering)

Max. Marks: 70

Time: 3 Hours

Answer any five full questions by choosing one question from each unit (5x14 = 70 Marks)

Marks	CO	BL
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UNIT-I

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|--|-----|-----|----|
| 1. a) Summarize on Software Architecture. | 4M | CO1 | L2 |
| b) Why Architecture is important for software development and explain where it originated. | 10M | CO1 | L2 |

OR

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|---|-----|-----|----|
| 2. List and explain the various good features of Software Architecture. | 14M | CO1 | L2 |
|---|-----|-----|----|

UNIT-II

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|--|-----|-----|----|
| 3. Compare and contrast pipes and filters. | 14M | CO2 | L2 |
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OR

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|---|-----|-----|----|
| 4. Discuss in detail on Heterogeneous Architectures | 14M | CO2 | L2 |
|---|-----|-----|----|

UNIT-III

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|---|-----|-----|----|
| 5. Discuss how the integration is done in software development environments | 14M | CO3 | L2 |
|---|-----|-----|----|

OR

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| 6. Explain how the Transition happened from Batch Sequential to Repository | 14M | CO3 | L2 |
|--|-----|-----|----|

UNIT-IV

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|---|-----|-----|----|
| 7. Describe in detail on how to formalize the architecture for a specific system. Give examples | 14M | CO4 | L2 |
|---|-----|-----|----|

OR

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|--|-----|-----|----|
| 8. Describe the common Software Architecture Structures with neat diagram. | 14M | CO4 | L2 |
|--|-----|-----|----|

UNIT-V

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|---|-----|-----|----|
| 9. Analyze the different styles in Architectural Design Environment | 14M | CO5 | L4 |
|---|-----|-----|----|

OR

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|---|-----|-----|----|
| 10. List and Explain the various factors which makes Software Product Lines Difficult | 14M | CO5 | L2 |
|---|-----|-----|----|

END