

Hall Ticket Number :

**R-17****Code: 7G185**

IV B.Tech. II Semester Advanced Supplementary Examinations July 2022

**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 )

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Marks	CO	Blooms Level
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**UNIT-I**

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|---|----|-----|----|
| 1. a) Write about status of software architecture | 7M | CO1 | L1 |
| b) Explain about features of Architecture         | 7M | CO1 | L2 |

**OR**

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|--|----|-----|----|
| 2. a) Describe the architectural structure of a system | 7M | CO1 | L2 |
| b) Explain about architecture Business cycle           | 7M | CO1 | L2 |

**UNIT-II**

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|---|-----|-----|----|
| 3. Demonstrate about architectural styles Pipes and Filter, Data Centered in detail | 14M | CO2 | L3 |
|---|-----|-----|----|

**OR**

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|---|----|-----|----|
| 4. a) Demonstrate about layered systems       | 7M | CO2 | L3 |
| b) Demonstrate on heterogeneous architectures | 7M | CO2 | L3 |

**UNIT-III**

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|---|----|-----|----|
| 5. a) Demonstrate about database integration in shared information systems. | 7M | CO3 | L3 |
| b) Demonstrate on Guidance for user Interface Architecture                  | 7M | CO3 | L3 |

**OR**

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|---|-----|-----|----|
| 6. Illustrate about architectural design guidance for world wide web case study | 14M | CO3 | L3 |
|---|-----|-----|----|

**UNIT-IV**

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|---|----|-----|----|
| 7. a) Outline in detail about CORBA         | 7M | CO4 | L4 |
| b) Outline about architectural design space | 7M | CO4 | L4 |

**OR**

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|--|-----|-----|----|
| 8. Outline in detail about architectural description language and its requirements | 14M | CO4 | L4 |
|--|-----|-----|----|

**UNIT-V**

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|--|----|-----|----|
| 9. a) Write in detail about universal connector language   | 7M | CO5 | L1 |
| b) What makes software product lines work in different way | 7M | CO5 | L1 |

**OR**

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|---|-----|-----|----|
| 10. Summarize on How to create products and evaluating a product line | 14M | CO5 | L2 |
|---|-----|-----|----|

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