

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
KADAPA**

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ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::KADAPA

II B.Tech II Semester I Mid Term Examinations July 2021

Name of the Subject: Software Engineering (19A05404T)

Branch: CSE

Time : 90 Minutes

Max. Marks: 15

Answer ALL the Questions

3X5 = 15

1. a) Explain Iterative Waterfall Model - 2.5M
b) Explain RAD Model - 2.5M
(OR)
2. a) Explain about COCOMO Model in Detail. - 5M
3. a) Describe Software Myths? Discuss on various types of Software Myths and trust aspects of these Myths.- 2.5M
b) Explain about Requirements gathering and analysis? - 2.5M
(OR)
4. What are Characteristics of a Good SRS Document - 5M
5. a) Characteristics of a good user interface. - 2.5M
b) Cohesion and coupling - 2.5M
(OR)
6. Explain a) Organization and team structure - 2.5M
b) IEEE 830 guidelines - 2.5M

1. a) Explain Iterative Waterfall Model
Defining Phases - 2 M
Explanation of Phases - 2 M
Example - 1 M
b) Explain RAD Model
Defining Phases - 2 M
Explanation of Phases - 2 M
Example - 1 M

(OR)

2. a) Explain about COCOMO Model in Detail.
Organic - 2M
Semidetached - 2M
Embedded software projects - 1M

3. a) Describe Software Myths? Discuss on various types of Software Myths and trust aspects of these Myths.

- Management myths - 2M
- Customer myths - 2M
- Practitioner's myths - 2M

- b) Explain about Requirements gathering and analysis?

- The various steps of requirement analysis - 2M
- The various steps of requirement gathering - 2M
- Figures - 1M

(OR)

4. What are Characteristics of a Good SRS Document
Complete - 1M
Consistent - 1M
Feasible - 1M
Modifiable - 1M

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5. a) Characteristics of a good user interface.
Twelve Characteristics

- 5M

b) Cohesion and coupling

Classification of Cohesion

-2M

Classification of Coupling

-2M

Figures

-1M

(OR)

6. Explain

a) Organization and team structure

Project Organization

- 2M

Functional Organization

- 1M

Team Structure

- 2M

b) IEEE 830 guidelines

Requirements Specification Document

-2M

IEEE 830 Standard

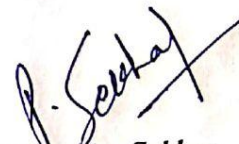
-1M

Relationship of IEEE 830 and ISO/IEC 12207

-1M

ISO/IEC/IEEE 29148 Standard

-1M


P. Chandra Sekhar


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B.TECH II YER II SEMESTER MID EXAMS MARKS LIST JULY & AUGUST 2021 (BRANCH : CSE)

SUBJECT		NT&A			CO			DAA			ENTT			OS			SE			BE			MATH			OS LAB	SE LAB
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SUBJECT		NT&A			CO			DAA			ENTT			OS			SE			BE			MATH			OS LAB	SE LAB
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SUBJECT	NT&A			CO			DAA			ENTT			OS			SE			BE			MATH			OS LAB	SE LAB
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SUBJECT		NT&A			CO			DAA			ENTT			OS			SE			BE			MATH			OS LAB		SE LAB
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108	19HM1A05B0	30	18	28	5	29	24	5	25	21	29	27	29	0	20	16	5	28	23	23	24	20				0	27	25
109	19HM1A05B1	29	18	27	29	25	28	16	16	16	25	5	21	21	5	18	25	21	24	0	28	24				0	27	28
110	19HM1A05B2	18	19	19	23	26	25	10	17	16	21	25	24	15	5	13	21	5	18	18	13	13				0	22	25

S. NO.	SUBJECT	NTSA			CO			DAA			ENTT			OS			SE			BE			MATH			OS	
		M1	M2	B2	M1	M2	B2	M1	M2	B2	M1	M2	B2	M1	M2	B2	M1	M2	B2	M1	M2	B2	M1	M2	B2	LAB	SE
		30			30			30			30			30			30			30			30			30	30
111	19HM1A05B3	27	19	25	25	21	24	25	19	24	28	29	29	26	26	26	25	23	25	28	0	22			0	27	27
112	19HM1A05B4	30	19	28	29	30	30	21	30	28	29	30	30	27	26	27	26	25	26	30	30	30			0	29	27
113	19HM1A05B5	22	16	21	22	19	21	17	11	16	5	5	5	17	5	15	17	5	15	0	0	0			0	27	28
114	19HM1A05B6	21	18	20	22	20	22	10	20	18	17	18	18	18	25	24	18	5	15	16	0	13			0	25	24
115	19HM1A05B7	30	30	30	30	30	30	27	30	29	30	30	30	28	27	28	30	30	30	30	30	30			0	29	27
116	19HM1A05B8	30	26	29	30	30	30	23	26	25	27	30	29	28	23	27	28	26	28	30	30	30			0	29	28
117	19HM1A05B9	30	27	29	30	30	30	25	30	29	30	30	30	30	27	29	29	28	29	30	30	30			0	29	28
118	19HM1A05C0	30	30	30	29	30	30	30	30	30	30	30	30	30	27	29	30	29	30	28	30	30			0	30	29
119	19HM1A05C1	26	19	25	26	25	26	18	30	28	28	29	29	20	17	19	23	23	23	23	23	23			0	28	26
120	20HM5A0501	29	26	28	30	30	30	21	27	26	27	29	29	29	24	28	29	29	29	30	20	28	30	30	30	28	29


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