

Program: TE Information Technology Engineering

Curriculum Scheme: Revised 2019

Examination: Third Year Semester V

Course Code: ITC504 and Course Name: Software Engineering

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	In which model does Users get a feel for the actual system
Option A:	Waterfall model
Option B:	Prototyping model
Option C:	RAD model
Option D:	Classic Lifecycle Model
Q2.	_____ is the number of customer stories implemented during the first release.
Option A:	Project velocity
Option B:	CRC cards
Option C:	Spike solutions
Option D:	Prototypes
Q3.	RAD Software process model stands for _____ .
Option A:	Rapid Application Development.
Option B:	Relative Application Development
Option C:	Rapid Application Design
Option D:	Recent Application Development
Q4.	Which of these is not a task of Requirements engineering process
Option A:	Inception

Option B:	Elaboration
Option C:	Specification
Option D:	Modeling
Q5.	Anyone who benefits in a direct or indirect way from the system which is being developed is called as
Option A:	Stakeholder
Option B:	User
Option C:	Customer
Option D:	Developer
Q6.	Which of the following is not used in computing Function point
Option A:	Number of external inputs
Option B:	Number of external outputs
Option C:	Number of lines
Option D:	Number of internal logical files
Q7.	Which of the following is not a quality attribute
Option A:	Functionality
Option B:	Usability
Option C:	Reliability
Option D:	Negotiability
Q8.	The _____describes how the software communicates with systems that interoperates with it, and with humans who use it.
Option A:	interface design
Option B:	class design

Option C:	data design
Option D:	architectural design
Q9.	Effort required to transfer the program from one hardware and/or software system environment to another is called
Option A:	Integrity
Option B:	Efficiency
Option C:	Portability
Option D:	Testability
Q10.	_____ combines procedures and tools to manage different versions of configuration objects that are created during the software process
Option A:	Change control
Option B:	Status reporting
Option C:	Audit
Option D:	Version control

Please use either of the 3 option given below while setting up the subjective/descriptive questions

Option 1

Q2.	Solve any Four out of Six	5 marks each
A	<i>Explain CMM.</i>	
B	<i>Explain Kanban model.</i>	
C	<i>What are software requirements? Give examples.</i>	
D	<i>What is timeline chart?</i>	
E	<i>What is risk identification?</i>	
F	<i>Differentiate between verification and validation?</i>	

Option 2

Q3.	Solve any Two Questions out of Three	10 marks each
A	<i>Explain SCRUM.</i>	
B	<i>Explain design concepts.</i>	

C	<i>Explain SCM process.</i>
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Option 3

Q4.	<i>Please delete the instruction shown in front of every sub question</i>	
A	Solve any Two	5 marks each
i.	<i>State agility principles.</i>	
ii.	<i>State golden rules for user interface design.</i>	
iii.	<i>Differentiate between alpha and beta testing.</i>	
B	Solve any One	10 marks each
i.	<i>Explain SRS for online job recruitment system.</i>	
ii.	<i>Draw usecase diagram for ATM system.</i>	