

Sardar Patel College of Engineering Bakrol
BE-6th Semester
Mid- Semester Examination
Information Technology Department

Subject Code: 3161605

Date: 27/03/2021

Subject Name: Software Engineering

Time: 02:00 PM – 03:30 PM

Total Marks: 30 Marks

Instructions:

1. Q1-Q10 are MCQ's (Each Carry 1 Marks) and Q11-Q15 Long Answers.(Each Carry 4 Marks).
2. Attempt all questions.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

MCQ Based Questions(Each Carry 1 Marks)		Marks
Q1.	What is Software?	01
a)	Software is set of programs	
b)	Software is documentation and configuration of data	
c)	Software is set of programs, documentation & configuration of data	
d)	None of the mentioned	
Q2.	RAD stands for	01
a)	Relative Application Development	
b)	Rapid Application Development	
c)	Rapid Application Document	
d)	None of the mentioned	
Q3.	Which one of the following models is not suitable for accommodating any change?	01
a)	Spiral Model	
b)	Prototyping Model	
c)	RAD Model	
d)	Waterfall Model	
Q4.	SDLC stands for	01
a)	Software Development Life Cycle	
b)	System Development Life cycle	
c)	Software Design Life Cycle	
d)	System Design Life Cycle	
Q5.	The spiral model was originally proposed by	01
a)	IBM	
b)	Barry Boehm	
c)	Pressman	
d)	Royce	

Q6.	Selection of a model is based on	01
a)	Requirements	
b)	Development team & Users	
c)	Project type and associated risk	
d)	All of the mentioned	
Q7.	Which document is important in software engineering?	01
a)	SDD	
b)	SRS	
c)	DDD	
d)	SRD	
Q8.	What are the activities in SCRUM?	01
a)	Backlogs	
b)	Sprint	
c)	Meetings	
d)	All of the mentioned	
Q9.	How many layers are there in Software layered Technology?	01
a)	3	
b)	4	
c)	5	
d)	2	
Q10.	Which model is known as Linear Sequential Model?	01
a)	Spiral Model.	
b)	Prototype Model.	
c)	Agile Model.	
d)	Waterfall Model.	
Descriptive Questions (Each Carry 4 Marks)		Marks
Q11.	Explain SDLC life cycle?	04
Q12.	Explain Waterfall Model?	04
Q13.	Explain Proactive and Reactive approach for Risk Management?	04
Q14.	Why Project Scheduling is required?	04
Q15.	Write down the points of Agile Manifesto and what are the advantages of agile model?	04
