Total No.	of Questions : 4] SEAT No. :
PB38	[Total No. of Pages : 1
	[6268]-232
	S.E. (Information Technology) (Insem)
	SOFTWARE ENGINEERING
	(2019 Pattern) (Semester-IV) (214454)
	
Time : 1 l Instructio	Hour] [Max. Marks : 30 ons to the candidates:
insiruciio	1) Solve Q.1 or Q.2 Q.3 or Q.4.
	2) Neat diagrams must be drawn wherever necessary.
	3) Figures to the right side indicate marks.
	4) Assume suitable data, if necessary.
Q1) a)	What you mean by software engineering? Explain the failure curve of
	hardware and software. [5]
b)	What are myths? What are the types of myths? Explain cutomer myths
,	along with its reality. [5]
c)	Explain waterfall model along with diagram and also state its merits and
	demerits. [5]
Q2) a)	Explain in detail scrum process along with its diagram. [7]
(2) a) b)	Write a short note on following [4+4]
0)	i) Pair programming
	ii) Agile manifesto
	6.7
Q3) a)	Explain Kano model specifying its key characteristics with a neat diagram
•	(5) [5]
b)	What are the different techniques used in requirement elicitation? Explain
c)	any two in detail. [5] How does a software project gets initiated explain with suitable example. [5]
C)	OR
Q4) a)	Explain functional and non-functional requirements with example. [5]
b)	What is a class diagram? Explain the usage of different components of
	class diagram with an example. [5]
c)	What is the use of use-case diagram? Draw a use-case diagram for library
0	management system. [5]
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