

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

Paper Code: BCAC402 Software Engineering UPID: 400087

Time Allotted: 3 Hours

Full Marks:70

The Figures in the margin indicate full marks.

Candidate are required to give their answers in their own words as far as practicable

Group-A (Very Short Answer Type Question)

		Gloup-A (very short Answer Type Question)	
1. Ans	wer	any ten of the following:	I x 10 = 10]
	JII/	What is full form of CRM?	·
	(11),	A TPS is commonly known as	
	(111)	Name one dynamic UML diagram	
,	(IV)	Alpha testing is done by?	
	(v)	What is full form of MRP?	
	(IVI)	What is the full form of SDLC?	
	(Ant.	Which component is used for storing data in DFD ?	
	(VIII)	When the feasibility study is done?	
	(IX)	testing is to check code.	
	(X)	In software engineering for quality assurance which ISO series is being used?	
	(XI)	A map of overall structure of a database is called as Table or Schema?	
	(XII)	After which phase of SDLC can white-box testing be started?	
		Group-B (Short Answer Type Question)	
		Answer any three of the following:	5 x 3 = 15]
2.	Wha	at are components of DFD,Explain each with diagram?	[5]
₹3.	Wha	at is economic feasibility? Why it is also termed as Cost-Benefit analysis.?	[5]
4.	Exp	ain the function of MIS,DSS,KBS	[5]
5.		at is data dictionary?What is its another name?Describe its all fields	[5]
.6)	Con	npare and contrast top down and bottom up integration testing	[5]
		Group-C (Long Answer Type Question)	
			5 x 3 = 45 }
7.	diag	erentiate static UML diagram and dynamic UML diagram? Draw and explain any one static UML gram?	[5+5+5]
		w and explain any one dynamic UML diagram? https://www.makaut.com	
_/ /8.	Wh: test	at is test case?Distinguish Black box testing and white box testing?Discuss the two types of black box ing strategies	[2+5+8]
9.	Wh	at is CBIS? Describe TPS,OAS,MIS,DSS,KBS along with their application.	[5+10]
.10.		at is a CASE tool? How are case tools useful in different aspects of software engineering projects? Also fly state two disadvantages of case tool	[3+8+4]
11.	Hov	v verification and validation used in different phases of software development, explain briefly.	[15]

*** END OF PAPER ***