

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE Supplementary Summer Examination – 2024 Course: B. Tech. Branch : Artificial Intelligence and Data Semester : V Science Engineering And Allied Subject Code & Name: BTAIOE505C Software Engineering and Testing Max Marks: 60 Date: 10/07/2024 Duration: 3 Hr.			
Instructions to the Students: 1. All the questions are compulsory. 2. The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in () in front of the question. 3. Use of non-programmable scientific calculators is allowed. 4. Assume suitable data wherever necessary and mention it clearly.			
		(Level/CO)	Marks
Q. 1	Solve Any Two of the following.		12
A)	Define Software Engineering with their objectives ,advantages and disadvantages?	L1/CO1	6
B)	Write Short Note On SDLC?	L1/CO1	6
C)	Compare Between Waterfall Model and Agile Model	L1/CO1	6
Q.2	Solve Any Two of the following.		12
A)	Write Short Note On Developing Diagrams In UML?	L1/CO2	6
B)	Draw A Use Case Diagram For A)DBATU UNIVERSITY	L3/CO2	6
C)	Explain Design Quality And Design Concepts?	L1/CO2	6
Q. 3	Solve Any Two of the following.		12
A)	Write Short Note On Principles Of Testing?	L1/CO3	6
B)	Draw And Explain STLC With Their Advantages Disadvantages?	L1/CO3	6
C)	Compare Between White Box Testing and Black Box Testing	L1/CO3	6
Q.4	Solve Any Two of the following.		12
A)	Write Short Note On Integration Testing?	L1/CO4	6
B)	Compare Between System Testing and Acceptance Testing?	L1/CO4	6
C)	Explain Functional System Testing?	L1/CO4	6

Q. 5	Solve Any Two of the following.		12
A)	Compare Between Performance Testing and Regression Testing?	L1/CO5	6
B)	Short Note On Adhoc Testing?	L1/CO5	6
C)	Explain Different Tools Used For Testing Object Oriented Software?	L1/CO5	6
	*** End ***		