School of Computer Science & Engineering

Mid Term Examination (MTE), Debarred Class / Summer term, July 2024
[Programme: B.Tech CSE] [Semester: 3] [Batch: Summer Term]

Course Title: Software Engineering	Max Marks: 100
Course Code: BCSE2355	Time: 3 Hrs.

Instructions:	1. *All questions are compulsory.*
	2. *Assume missing data suitably, if any.*

		K Level	COs	Marks
SECTION-A (15 Marks)	**5 Marks each**			
1.	Explain the process of mapping dataflow into software architecture.	L2	CO3	5
2.	Define software engineering and discuss about software myths	L1	CO1	5
3.	What is the need of software reviews? Explain.	L1	CO1	5
SECTION-B (40 Marks)	**10 Marks each**			
4.	Interpret the art of debugging in software testing methodology.	L3	CO4	10
5.	Explain different software product metrics.	L2	CO3	10
6.	Describe the golden rules of User Interface Design	L4	CO3	10
7.	Differentiate between functional and non-functional requirements.	L4	CO2	10
SECTION-C (45 Marks)	**15 Marks each**			
8.	Write the taxonomy of architectural styles and give a brief description of each style.	L1	CO3	15
9.	Explain Capability Maturity Model Integration (CMMI) in detail	L2	CO5	15
10	Draw the sequence diagram for booking an item in an online ecommerce website.	L5	CO3	15