

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of SCSE Backlog Examination, June 2023 [Programme: BCA] [Semester: IV] [Batch:]				
Course Title: SOFTWARE ENGINEERING		Max Marks: 100		
Course Code: BCAS2016		Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Leve l	COs	Mark s
SECTION-A (15 Marks)		5 Marks each		
1.	Discuss the major goals of software engineering	K2	CO1	5
2.	Discuss the feasibility study in software engineering	K2	CO2	5
3.	Explain about the software reverse engineering	K2	CO4	5
SECTION-B (40 Marks)		10 Marks each		
4.	Illustrate the concept of spiral model with proper diagram	K2	CO1	10
5.	Discuss about the SRS and analyze the different characteristics of a good SRS	K3	CO2	10
6.	Discuss about the concept of coupling with its types	K3	CO3	10
7.	Compare between top down and bottom-up integration testing OR Difference between Unit Testing and Integration Testing	K4	CO4	10
SECTION-C (45 Marks)		15 Marks each		
8.	Illustrate the concept of water fall model with proper diagram and explain its advantages and disadvantages.	K3	CO1	15
9.	Explain the concept of requirement elicitation and give a brief discussion on any two requirement elicitation methods.	K4	CO3	15
10	Analyze the requirement of the software maintains and discuss about the preventive and corrective maintenance OR Discuss about the concept of white box testing with its advantages and disadvantages	K5	CO4	15