

Enroll No

K.E.Society's
Rajarambapu Institute of Technology, Rajaramnagar
 (An Empowered Autonomous Institute, affiliated to SUK)
Unit Test -I / II (2025-26)
 S.Y. B.C.A.

Q.P. Code
UT 2346

Course Code: BC203

Course Name: Operating System

Day & Date: *Monday 12/08/2025*

Time: *2:30 To 3:30*

Max Marks- 25

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figures in rounded() brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
 - 3) CO is the index number of the Course Outcome statement.
 - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
 - 5) Assume suitable data if necessary.
 - 6) Use of non-programmable calculators is allowed

			Marks	BT Level	COs
Q.1	A	Define an Operating System. Explain its functions in detail.	7	1	1
		OR			
	B	What are the major services provided by an Operating System? Explain each with examples.	7	2	2
	C	Describe the evolution of Operating Systems.	6	1	1
Q.2	A	Explain the relationship between system calls and APIs. How do applications interact with the operating system through APIs	6	2	2
		OR			
	B	Discuss the working and features of Parallel and Distributed Operating Systems. How do they differ?	6	1	1
	C	Explain user-level and system-level services of an OS. How do they enhance program execution	6	2	2

