

Roll No.: _____

Enrollment No.: _____

Vadodara Institute of Technology
B.C.A - II, Sem-IV, Class Test-1

Subject: SE
Time: 10:30 to 11:15 am

Subject Code: Minor-5
Discipline: BCA

Date: 05-01-2026
Total Marks: 20

Instructions:

1. Attempt any two questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Sr.no	Question	Marks
Q1.	(a). Define SoftwareEngineering. Explain its need and importance.	04
	(b). Explain Software Engineering methods, tools, and procedures.	06
Q2	(a). Explain SEI-CMM (Capability Maturity Model) in detail.	04
	(b). Explain Software Process Framework and its activities.	06
Q3	(a). Explain Waterfall Model with its phases, advantages, and disadvantages.	04
	(b). What is Prototyping Model ? Explain in brief.	06

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