

Rajiv Gandhi University of Knowledge Technologies-Andhra Pradesh

Blueprint for PUC-1 EST Examinations

25PCP106- Computer Programming

Academic Year – 2025-26

Max. Marks: 60

Time: 3 Hours

Chapter-Wise Question Pattern & Weightage

- Note:**
1. Sections B, C, and D: Each section contains two internal choice questions.
 2. Part-B: Assertion Reason (AR) Based Questions from Chapters (1 to 3) and (7 to 11)
 3. (*) Denotes the sections where internal choices are usually provided.
 4. Very Short Answer (VSA), Short Answer (SA), Long Answer/Program Based (LA), Case Study Based (CS)

Units	Chapters (Combined)	Section(A)	Section(B)	Section(C)	Section(D)	Section(E)	Total Weightage Marks
		MCQ + AR (1M)	VSA (2M)	SA (3M)	LA/Program (5M)	CS (4M)	
Unit-1	1–3. Computer System, Types of Software & OS	1 MCQ + 1 AR	1 *	–	1 *	1 *	13
	4. Boolean Logic	1	1 *	1 *	–	–	6
	5. Number System & Encoding Schemes	1	–	1 *	1 *	–	9
Unit-1 Total		4	2M (2Q)	3M (2Q)	5M (2Q)	4M (1Q)	28
Unit-2	6. Problem Solving, Algorithms & Flow Charts	1	1	–	–	1 *	7
	7–11. Python Basics, Data Types, Operators, Expressions, Errors	1 MCQ + 1 AR	–	1	1	–	10
	12–13. Flow of Control, Conditional statements & Iteration	2	–	1	1	–	10
	14–15. Strings, Lists	1	–	–	1 *	–	6
	16–18. Tuples, Dictionary, Modules	1			1 *		6
Unit-2 Total		7	2M (1Q)	3M (2Q)	5M (4Q)	4M (1Q)	39
Unit-3	19–21. Digital Society, Data Protection, Cyber Crime	1	1 *	1 *	–	1	10
	22–23. E-waste, IT Act & Technology and Society	2	1 *	1 *	–	–	7
Unit-3 Total		3	2M (2Q)	3M (2Q)	-	4M (1Q)	17
Total Marks Weightage - Including Internal Choice		14	10	18	30	12	84
Max Marks allocation for Each Section		14	6	12	20	8	60

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Chapter-Wise Allocation of Question Numbers

- Note:**
1. Sections B, C, and D: Each section contains two internal choice questions.
 2. Part-B: Assertion Reason (AR) Based Questions from Chapters (1 to 3) and (7 to 11)
 3. (*) Denotes the sections where internal choices are usually provided.
 4. Very Short Answer (VSA), Short Answer (SA), Long Answer/Program Based (LA), Case Study Based (CS)

Units	Chapters (Combined)	Section(A) Question Nos.	Section(B) Question Nos.	Section(C) Question Nos.	Section(D) Question Nos.	Section(E) Question Nos.
		MCQ + AR (1M)	VSA (2M)	SA (3M)	LA/Program (5M)	CS (4M)
Unit-1	1–3. Computer System, Types of Software & OS	1, 13	16 (a)*	–	24 (a)*	27 (a)*
	4. Boolean Logic	2	16 (b)*	20 (a)*	–	–
	5. Number System & Encoding Schemes	3	–	20 (b)*	24 (b)*	–
Unit-1 Total		4	2M (2Q)	3M (2Q)	5M (2Q)	4M (1Q)
Unit-2	6. Problem Solving, Algorithms & Flow Charts	4	15	–	–	27 (b)*
	7–11. Python Basics, Data Types, Operators, Expressions, Errors	5, 14	–	18	22	–
	12–13. Flow of Control, Conditional statements & Iteration	6, 7	–	19	23	–
	14–15. Strings, Lists	8	–	–	25 (a)*	–
	16–18. Tuples, Dictionary, Modules	9			25 (b)*	
Unit-2 Total		7	2M (1Q)	3M (2Q)	5M (4Q)	4M (1Q)
Unit-3	19–21. Digital Society, Data Protection, Cyber Crime	10	17 (a)*	21 (a)*	–	26
	22–23. E-waste, IT Act & Technology and Society	11, 12	17 (b)*	21 (b)*	–	–
Unit-3 Total		3	2M (2Q)	3M (2Q)	-	4M (1Q)
Total Marks Weightage - Including Internal Choice		14	10	18	30	12
Max Marks allocation for Each Section		14	6	12	20	8