RAYALASEEMA UNIVERSITY COLLEGE OF ENGINEERING, KURNOOL – 518007

B.Tech I Semester (RU23) I Sessional Tests – October 2024

Introduction to Programming -23AES0501

(Common to All)

Time: 90 min **Date: 15/10/2024 (FN)** **Max. Marks: 30**

Answer ONE FULL question from each unit ****All the Questions Carry EQUAL marks****

Q. No		Question	Unit	BT Level	CO covered	Marks Allotted
1	a)	Explain about detailed Data Types and Variables in C with Example	I	L2	CO1	(8M)
	b)	What is the Algorithm with example	I	L1	CO1	(2M)
		(OR)				
2	a)	Explain about Type casting and Type Conversion with programme	I	L2	CO1	(8M)
	b)	Explain about ALU?	I	L1	CO1	(2M)
3	a)	Explain about Constants and Top -Down and Bottom- Up approachs	I	L2	CO1	(8M)
	b)	Explain about I/O Statements with example	I	L1	CO1	(2M)
		(OR)				
4	a)	Explain about While and Do-While Loops with suitable example.	II	L2	CO2	(8M)
	b)	Define Switch case with Example .	II	L1	CO2	(2M)
5	a)	Explain about For Loop and print multiplication table by using for loop	II	L2	CO2	(8M)
	b)	Explain about break statement with Example	II	L1	CO2	(2M)
		(OR)				
6	a)	Explain about Conditional statements with suitable example.	II	L2	CO2	(8M)
	b)	Explain about continue statement with example	II	L1	CO2	(2M)

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B.Tech I Semester (RU23) II Sessional Tests – December 2024

Introduction to Programming -23AES0501

(Computer Science & Engineering) And AI

24RUIA05A9

Time: 90 min **Date: 12/12/2024 (FN)** **Max. Marks: 30**

Answer ONE FULL question from each unit ****All the Questions Carry EQUAL marks****

Q. No		Question	Unit	BT Level	CO covered	Marks Allotted
1	a)	Explain about one dimensional arrays with programme.	III		CO1	(8M)
	b)	What is an Array with example	III		CO1	(2M)
		(OR)				
2	a)	Explain about two dimensional arrays with programme	III		CO1	(8M)
	b)	Explain about Strings with example?	III		CO1	(2M)
3	a)	Explain about De-referencing and address operators with example programme	IV		CO1	(8M)
	b)	Explain about Pointer with example	IV		CO1	(2M)
		(OR)				
4	a)	Explain about User-defined data types with suitable example.	IV		CO2	(8M)
	b)	Explain about array of pointer with Example programme	IV		CO2	(2M)
5	a)	Explain about call by value and call by reference, Array as parameters in functions	V		CO2	(8M)
	b)	Explain about function declaration and definition	V		CO2	(2M)
		(OR)				
6	a)	Explain about file operations and fgetc(),fputc() with suitable example.	V		CO2	(8M)
	b)	Explain about scop and life time of variables with example	V		CO2	(2M)