- 19. Write how multidimensional arrays used in C programming with an example.
- 20. Write a C program to apply the concept of pointers.

SECTION C – (5 x 10 = 50 marks) ANSWER ALL QUESTIONS

21. A Explain the history and importance of C Language.

OR

- B List the C Pre-processor directives and explain with a program.
- 22. A Illustrate the various data types in C.

OR

- B Write down the operators & its types in C using examples.
- 23. A Explain Switch Statement in C to display the days in a week.

OR

- B Describe the different IF Statement available in C.
- 24. A List out and expound the String functions in C.

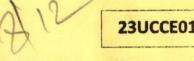
OR

- B Explain the different Parameter Passing Techniques in C.
- 25. A Write a C program to apply Enumeration (or enum) in C.

OF

B Illustrate the difference between Union and Struct in C with example.

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END SEMESTER EXAMINATION NOV/DEC-2023

First Semester

B.Com CA

ELECTIVE I - PROGRAMMING IN C AND LAB

Time: Three Hours

Maximum: 75 marks

SECTION A – (15 x 1 = 15 marks) ANSWER ALL QUESTIONS

- 1. How many keywords are there in C language?
 - A 32

C 36

C 33

- D 64
- 2. A C-style comment, simply surround the text with
 - A /* and */
- C ** and */

C /* and *//

- D * and *
- 3. The founder of C Language is
 - A Dennis Ritchie
- C Denny Ritchie
- C Dennis Ronaldo
- Denny Ronaldo
- You can access elements of an array by _____.
 - A values

- C indices
- C memory addresses
- **D** Variables
- 5. Which keyword is used to return values from function?

A	return	C	return types	Mary Pages 1	12.	Me	mbers of a union are	acces	ssed as	
C	values	D	pointers	the day of		A	union-	В	union-pointer	
		- }-			0		name.member			
Eve	ery C program must hav	e on	e function s			C	union-pointer-	D	union->member	
	return						>member			
C	main	D	index				(whom 02 = 01 x	i ma	100,000	
					13.		meration is a			
Wh	nich operator connects	the s	tructure name to its r	member			Built-in	The second	Derived	
	me?		AUTOCARY TOUR DOLL			C	User defined	D	Main	
A	in EV: anamirasva	C	>	Total Times						
C	. 15 maries	D	C-A MORDER		14.	An	array Index starts with	h		
						Α	-1	C	0	
The	E Function is use	ed to	display the output of	n the screen.		С	2	D	1 John Walter Steries A Co	
A	printf	C	endl							
C	scanf	D	cout	E 3	15.	Poir	nters are special varia	bles t	that are used to storerathe	
							n values.			
The	declaration of structur	re is	also called as	ROAS A			values		addresses	
Α	structure creator	C	structure signifier	A		С	index	D	null	
	structure specifier			Y 3						
						SECTION B - (2 x 5 = 10 marks)				
	is invalid header file	in C		todf 5			ANSWER	ANY	TWO QUESTIONS	
			mathio.h		16.	Illus	trate the features and	d ben	efits of C Language.	
	string.h									
-	String.ii	U	стуре.п		17.	Den	nonstrate Basic Struc	cture	of C Programs with an example	
The	process in which a fun	ction	a calle itealf directly or	r indirectly is		pro	gram.			
call		CLIOI	cans usen directly of	indirectly is						
	Inline function	C	Recursion Function		18.			en '	while and do while loop' with a	
	Main function		Duplicate Function			exa	mple program.			
-	Widin Idiletion	0	Duplicate Fullction							