D 43232	(Pages ; 3)	Name
- 7 - 5202		Reg. No
SECOND SEMES	TER B.Sc. DEGREE EXA	MINATION, MAY 2018
	(CUCBCSS—UG)	
ВС	S 2C 02—PROGRAMMING I	N C
	(2014 Admissions)	
Time : Three Hours	Part A	Maximum: 64 M
	Answer all questions. Each question carries 1 mark.	
1. The smallest individual un	it in C program are known as —	
2. What is the output of the f	ollowing code?	
# include <stdio< td=""><td>.h></td><td></td></stdio<>	. h>	
int main()		
	terma papara again a divers	
int i=l;		
printf("%d %d	%d", ++i, i++, ++i);	
return (0);		
}		
(a) 224.	(b) 234.	
(c) 334.	(d) 422.	요. 그런데 그 12일 시간 그리다. 그렇게 요하는 그리는 그 12일 하는 12일
3. In C all functions except r	nain() can be called recursively (7	True/False).
	not be checked in a switch case s	서타시에 있다 나님하다. 함께 화가 보았다.
(a) Character.	(b) Integer.	Service Control Control Control
(c) Float.	(d) Enum.	

(d) Enum.

(b) .bin.

(d) None of these.

The variable used as a subscript in an array is popularly known as

Which type of file cannot be opened using fopen()?

(a) .txt.

(c) .c.

data.				
. 7.	int a [5	$] = \{1,2,3\}$ what is the	alue of a[4] ?	
	(a)	3. ((b) 1.	
	(c)	garbage value.	.0 (b)	
8.	The cor	ntrol automatically pass	es to the first statement after the	loop in :
	(a)	Continue statement.	(b) Break statemen	일본 마음이 살았다. 얼마는 그 그 사람들은 이 어린 그가 없어 살아야 한 경기를 다고 살아지지를 했다.
	(c)	Switch statement.	(d) If statement.	
9.	If the t	wo strings are identica	, then strcmp() function returns :	
	(a)	-1.	(b) 1.	
	(c)	0.	(d) yes.	The second secon
				$(9 \times 1 = 9 \text{ marks})$
			Part B	
			Answer all questions.	
			Each question carries 2 marks.	
10.	Explain	n the basic data types i	n C .	
11.	Write a	a program in C to find	he greatest of three numbers.	
12.	Explain	n about various storage	classes available in C.	
13.	How de	oes structure differ from	n an array ?	1
14.	With t	he help of examples, ex	plain the difference between brea	k and continue statements in C
				$(5 \times 2 = 10 \text{ mark})$
		ar totum.	Part C	6 (1985)
			Answer any five questions. Each question carries 5 marks.	
15.	Explai	n about various operat	ors available in C.	
16.	Write 1	the syntax and the use	of the following functions in C :	
	(a)	getchar().		
	(b)	putchar().		
	(c)	getch().		
	(d)	gets().		
	narutika	相关。日本政府,为如果理论和国籍集制,首	Take B. 100 전 15 전 20 전 2	

- 17. Summarize the syntactic rules associated with while statement. Compare with do-while statement.
- 18. Write a program to display all the even numbers from 1 to 100 using for loop.
- 19. Define a structure data type named Student containing four data members Name, Age, Sex and Marks with appropriate data types. Write a program to read values to these data members and display the values.
- 20. Write a program to arrange a group of names in ascending order.
- 21. What is a Union? How does a union differ from a structure? For what kinds of applications are union useful?
- 22. Write the syntax and use of any five file handling functions available in C.

 $(5 \times 5 = 25 \text{ marks})$

Part D

Answer any two questions.

Each question carries 10 marks.

- 23. How can a list of strings be stored in a two dimensional array? Explain with syntax and example various string handling functions available in C.
- 24. (a) Write a program to find the biggest element in an array of elements using function.
 - (b) Briefly describe various storage classes available in C.
- 25. Write a complete C program for reading student details (name, class and register number) from keyboard and writing it into a file.

 $(2 \times 10 = 20 \text{ marks})$