

CBCS SCHEME

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First Semester Post Graduate Diploma Examination February / March 2024

Big Data Analytics

Time: 3 Hours

Max. Marks: 70

- Note: 1. Answer all questions in Section - A
2. Answer any *five* full questions from Q1 to Q8 in Section - B
3. M: Marks, L: Bloom's Level, CO: Course Outcomes

Questions	Section - A (20 x 1 = 20 Marks)	M	L	CO
1.	Which of these is NOT a relational or logical operator?	1	1	1
a.	=			
b.				
c.	&			
d.	None			
2.	Which of the following is not a valid C variable name?	1	2	1
a.	int number;			
b.	float rate;			
c.	int var_count;			
d.	int \$main;			
3.	All keywords in C are in _____	1	2	2
a.	LowerCase letters			
b.	UpperCase letters			
c.	CamelCase letters			
d.	None of the above			
4.	The C-preprocessors are specified with _____ symbol.?	1	2	2
a.	#			
b.	\$			
c.	&			
d.	" "			
5.	scanf() is a predefined function in _____ header file.?	1	2	3
a.	stdlib. h			
b.	ctype. h			
c.	stdio. H			
d.	stdarg. H			

6.	printf() is a predefined function in _____ header file.	1	2	3
a.	stdlib. h			
b.	ctype. h			
c.	stdio. h			
d.	stdarg. H			
7.	Size of operator is a _____ operator?	1	2	3
a.	Unary			
b.	Airthmentic			
c.	Relational			
d.	Logical			
8.	representation of /*.....*/ is _____	1	2	3
a.	Comment line			
b.	Preprocessor Directive			
c.	Main Function declaration			
d.	Varibale Declaration			
9.	a>b is which type of expression?	1	1	3
a.	Airthmetic			
b.	Relational			
c.	Logical			
d.	None			
10.	int z= x+y is which type of expression	1	2	3
a.	Airthmetic			
b.	Relational			
c.	Logical			
d.	None			
11.	stdin This file is used to	1	2	3
a.	send the output			
b.	display			
c.	receive the input			
d.	None			
12.	Each statement in a C program should end with.?	1	2	3
a.	Semicolon ;			
b.	Colon :			
c.	Period . (dot symbol)			
d.	None			

13.	The continue statement cannot be used with	1	2	4
a.	For			
b.	while			
c.	do-while			
d.	None			
14.	Which loop is guaranteed to execute at least one time?	1	2	4
a.	For			
b.	while			
c.	do-while			
d.	None			
15.	Which among the following is a unconditional control structure.	1	2	5
a.	Goto			
b.	for			
c.	while			
d.	if-else			
16.	The first expression in a for... loop is	1	3	5
a.	Step value of loop			
b.	Value of the counter variable			
c.	Condition statement			
d.	None of the above			
17.	What is an example of iteration in C?	1	2	5
a.	For			
b.	while			
c.	do-while			
d.	None of the above			
18.	Loops in C Language are implemented using.?	1	2	5
a.	While block			
b.	do-while block			
c.	for block			
d.	All the above			
19.	What is the way to suddenly come out of or Quit any Loop in C Language.?	1	2	5
a.	continue; statement			
b.	break; statement			
c.	leave; statement			
d.	quit; statement			

20.	What is alternate name of conditional operator?	1	2	5
a.	Comparison operator			
b.	If-else Operator			
c.	Binary operator			
d.	Ternary operator			
Section - B (5 x 10 = 50 Marks)				
1.	Explain Different Conditional Statements with an example	10	1	1
2.	Explain the structure of the C Program	10	1	1
3.	Explain the different iterative statements with an example	10	2	2
4.	Explain Array with an example	10	2	3
5	Discuss different jump statements and Switch Statement with an example ?	10	2	3
6	Define Function? Explain its syntax with an example?	10	2	2
7	Define string. Discuss its operations with an example?	10	2	3
8	Define structure? Explain briefly with syntax and example?	10	2	3