Global Group of Institutions

Demo Question Paper — Set — III Subject - Programming for Problem Solving

	Group – A	30 x 1 = 30
SI. No.	Questions Lists	Correct Option
1.	is a picture in which the flows of computational paths are depicted. (A) Algorithm (B) Program (C) Code (D) Flow chart	D
2.	Among unary operation which operator represents increment? (A) (B) ++ (C) - (D) !	В
3.	The function scanf is used to (A) To take logical decisions (B) Input a set of values (C) Print a set of values (D) Do mathematical manipulations	В
4.	Who is known as the father of C Language? A. James A. Gosling B. Vjarne Stroustrup C. Dennis Ritchie D. Dr. E. F. Codd	С
5.	C Language was developed in the year A. 1970 B. 1975 C. 1980 D. 1985	Α
6.	Which one is not a reserve keyword in C Language? A. auto B. main C. case D. register	В
7.	A C variable name can start with a A. Number B. Plus Sign (+) C. Underscore D. Asterisk (*)	С
8.	Prototype of a function means A. Name of Function C. Declaration of Function D. Input of a Function	С
9.	Name the loop that executes at least once. A. For B. If C. do-while D. while	С
10.	Far pointer can access A. Single memory location B. No memory location C. All memory location D. First and Last Memory Address	С
11.	A pointer pointing to a memory location of the variable even after deletion of the variable is known as A. far pointer B. dangling pointer C. null pointer D. void pointer	В

	,	
12.	An uninitialized pointer in C is called A. Constructor B. dangling pointer C. Wild Pointer D. Destructor	С
4.2	A pointer that is pointing to NOTHING is called	•
13.	A. VOID Pointer B. DANGLING Pointer	С
	C. NULL Pointer D. WILD Pointer	
	Which of the following statements should be used to obtain a remainder	
	after dividing 3.14 by 2.1?	
14.	A. rem = 3.14 % 2.1;	С
14.	B. rem = modf(3.14, 2.1);	C
	C. rem = fmod(3.14, 2.1);	
	D. Remainder cannot be obtain in floating point division.	
4.5	How many loops are there in C?	
15.	A. 2 B. 3 C. 1 4. 4	В
	A name having a few letters, numbers and special character	
	(underscore) is called -	
16.	A. keywords B. reserved keywords	D
	C. tokens D. identifiers	
	The words if, else, auto, float etc. have predefined meaning and users	
	cannot use them as variables. These words are called	
17.	A. constant B. identifier	D
	C. data types D. keywords	
	How many times TESTVALUE is printed?	
	int main ()	
	{	
	int a = 0;	
	while(a++);	
18.	{	В
	printf("TESTVALUE");	
	}	
	return 0;	
	}	
	A. 0 time B. 1 time C. Compilation Error D. Infinite times	
	What are the types of linkages?	
19.	A. Internal and External B. External, Internal and None	В
	C. External and None D. Internal	
	Which is/are the integer constant/constants?	
	A. Decimal integer constant	
20.	B. Octal integer constant	D
	C. Hexadecimal integer constant	
	D. All of the above	
	What is/are the type/types of numeric constant/constants used in c	
	programming language?	
	A. Integer constant	
21.	B. Real constant	C
	C. Both [A] & [B]	
	D. None of the above	

22.	Which of the following is syntactically correct? (a) for(); (b) for(;); (c) for(,); (d) for(;;);	D
23.	Which of following is correct array declaration A) int num(25); B) int array num[25]; C) int num[25]; D) num[25];	С
24.	Which of the following initialization is wrong - (a) x[5]=15 (b) x[10.3]=30 (c) x[0]=20 (d) None	В
25.	A function can be called in a program A. Only two times B. Only once C. Any number of times D. Only three times	С
26.	The function sqrt() is part of header file. A. conio.h B. stdio.h C. math.h D. iostream.h	С
27.	A function can return only value A. Zero B. One C. two D. three	В
28.	The function strcat(S2, S1) appends to (a) S1,S2 (b) S2,S1 (c) S2,S2 (d) S1,S1	A
29.	Which of the following header file is required for performing string operations-? (a) stdio.h (b) conio.h (c) string.h (d) ctype.h	С
30.	If the two strings are identical, then strcmp() returns (a) -1 (b) 1 (c) 0 (d) yes	С

Group – B		20 x 2 = 40
SI. No.	Questions Lists	Correct Option
1.	The format specifier that is used to read or write a character is (a) %f (b) %d (c) %c (d) %s	С
2.	If no precision is specified for floating point number, then printf () prinded decimal positions. (a) Two (b)Four (c) Six (d) Zero	ts C
3.	~(100111) gives (a) 010010	В
4.	Based on the precedence levels and associativity the 8+4*5+6, expression yields (a) 43 (b) 34 (c) 31 (d) 41	/2 C
5.	The expression ++a referred as (a) Pre increment (b) Post increment (c) Before increment (d) After increment	А
6.	Which one of the following is having least precedence? (a) ++ (b) && (c) () (d),	D
7.	sizeof() operator returns the size of an operand in (A) Bits (B) Nibble (C) Bytes (D) None	С
8.	The while loop is terminated when the conditional expression returns (a) 1 (b) 2 (c) 3 (d) Zero	D
9.	The statement used to send back any value to the calling function is (a) break (b) continue (c) exit (d) return	D

10.	Which among the following is not checked in switch case?	С
	(a) character (b) integer (c) float (d) None	
11.	for(;;) can be terminated by	D
	(a) break (b) exit(0) (c) return (d) All the above	
	Array is an example of which of the following?	
12.	(a) Derived types (b) Fundamental types	Α
	(c) User-defined types (d) None	
13.	Which of the following is syntactically correct?	D
	(a) for(); (b) for(;); (c) for(,); (d) for(;;);	
	What happens if we initialize an array as int group[20]={0};	
	(a) Produce an error	
14.	(b) Only 0 th element is initialized with zero	С
	(c) Every element is initialized with zero	
	(d) None	
	To store a table of values which of the following is used -	
15.	(a) One dimensional array (b) Two dimensional array	В
	(c) Three dimensional array (d) None	
	A function can be called in a program	
16.	A. Only two times B. Only once	С
	C. Any number of times D. Only three times	
17.	The operator used to get value at address stored in a pointer variable is	Α
	(a)* (b) & (c) && (d)	
	Which of the following statements correct about k used in the below	<i>'</i>
	statement?	
	char ****k;	_
18.	(a) k is a pointer to a pointer to a char	В
	(b) k is a pointer to a pointer to a pointer to a char	
	(c) k is a pointer to a char pointer	
	(d) k is a pointer to a pointer to a char	
19.	Which of the following is used to read a string -	В
	(a) getchar() (b) gets() (c) getstr() (d) getch()	
20.	How many arguments that the strcmp() function can take?	Α
	(a) 2 (b) 3 (c) 4 (d) 0	
