Global Group of Institutions
Demo Question Paper – Set – V
Subject - Programming for Problem Solving

Group – A		30 x 1 = 30
Sl. No.	**Questions Lists**	**Correct Option**
1.	How many bytes the array price occupies. float price[10]; (a) 10 bytes (b) 4 bytes (c) 40 bytes (d) 20 bytes	C
2.	Which of the following is syntactically correct? (a) for(); (b) for(;); (c) for(,); (d) for(;;);	D
3.	The default statement is executed when (a) All the case statements are false (b) One of the case is true (c) One of the case is false (d) None	A

4.	What is the output of this C code?
	 int main()
	 {
	 while ()
	 printf("In while loop ");
	 printf("After loop\n");
	 }
	 (a) In while loop after loop (b) After loop
	 (c) Compile time error (d) Infinite loop
		C

5.	The library function exit () causes an exit from (a) loop (b) block (c)function (d) None	D
6.	if c is initialized to 1, how many times following loop is executed While((c>0)&&(c<60)) { c++; } (a) 60 (b) 59 (c) 61 (d)1	B
7.	_____should be avoided as part of structured programming approach (a) break (b) goto (c) continue (d) exit	B
8.	Shifting a number 'n' by 's' bits to left is equivalent to which of the following? (a) $2^s/n$ (b) $n/2^s$ (c) s^2/n (d) $n*2^s$	D
9.	10<<3 gives _____ (a) 40 (b) 1 (c) 80 (d) 30	C
10.	If no precision is specified for floating point number then printf() prints _____ decimal positions. (a) Two (b)Four (c) Six (d) Zero	C
11.	Which of the following is used to perform computations on the entered data? (A) Memory (B) Processor (C) Input device (D) Output device	B
12.	Which of the following is not an input device? (A) Plotter (B) Scanner (C) Keyboard (D) Mouse	A

13.	Which statement is a valid? (a) 1KB=1024 bytes (b) 1 MB=2018 bytes (c) 1 MB=10000 kilobytes (d) 1 KB=100 bytes	A
14.	Which of the following is not a loop structure? (a) for (b) do-while (c) repeat-until (d) while	C
15.	The two different ways to implement a multiway selection in C are - (a) Simple if and if-else (b) if-else and nested if-else (c) else-if ladder and switch (d) None	C
16.	The minimum number of time that a do-while loop executes (a) 0 (b) 1 (c) infinitely (d) variable	B
17.	C provides _____ as a convenient alternative to the traditional if-else for two way selection. (a) Conditional operator (b) Short hand assignment (c) Increment (d) None	A
18.	The _____ statement is used to skip the remaining part of the statements in a loop and continue with next iteration. (a) break (b) goto (c) continue (d) exit	C
19.	Which of following is correct array declaration A) int num(25); B) int array num[25]; C) int num[25]; D) num[25];	C
20.	Array elements are stored in A) Column major order B) in diagonal order C) Row major order D) either in row major or column major order	C
21.	Array subscripts in 'C' starts from A) 0 B) compiler dependent C) 1 D) -1	A
22.	A string constant is one dimensional array of characters terminated by a A) Comma B) Full stop C) Semicolon D) Null character	D
23.	What will be assigned for marks[3] and marks[4] in the following initialization **int marks[5]={30,45,80};** (a) 80 and garbage (b) garbage and garbage (c) 0 and 0 (d) None	C
24.	What happens if we initialize an array as int group[20]={0}; (a) Produce an error (b) Only 0 th element is initialized with zero (c) Every element is initialized with zero (d) None	C
25.	To store a table of values which of the following is used (a) One dimensional array (b) Two dimensional array (c) Three dimensional array (d) None	B
26.	How to refer an element in i th row j th column of a two dimensional array (a) x[i,j] (b) x[i][j] (c) x[ij] (d) x[i]x[j]	B

27.	int rank[3]={3,2,4,1,5}; (a) Compile time error (b) Initializes only 3 elements with first 3 values (c) Initializes only 3 elements with last 3 values (d) Initialize all elements with zeros	A
28.	The statement used to send back any value to the calling function is A. break B. continue C. exit D. return	D
29.	The function sqrt( ) is part of header file. A. conio.h B. stdio.h C. math.h D. iostream.h	C
30.	Actual and formal parameters must agree in A. Data types B. Number of arguments and Data types C. Names and Data type D. None	B

Group – B		20 x 2 = 40
Sl. No.	**Questions Lists**	**Correct Option**
1.	int *p1,*p2; find out valid statement A. p1-p2 B.p1*p2 C.p1+p2 D.p1/p2	A
2.	**int k[3]={1,2,3};int *p;** one of the following statement is equal to p=k is - A. p=&k[0] B. p=&k[1] C. p=&k[2] D. None	A
3.	A pointer to pointer points to the address of a - A. Structure B. Union C. Array D. Pointer	D
4.	Size of the pointer depends upon_____ A. Processor B. RAM C. Hard disk D. All	A
5.	What is the size of the double pointer? Ex: double *ptr; in 16 bit processor A. 4 bytes B. 2 bytes C. 10 bytes D. 8 bytes	B
6.	In fseek() function , the position value 1 indicates _____ A) Beginning of file B) End of file C) Current position D) All	C
7.	In the following code, the P2 is Integer Pointer or Integer? **typedef int *ptr;** **ptr p1, p2;** A. Integer B. Integer pointer C. Error in declaration D. None of above	B
8.	In the following code what is 'P'? **typedef char *charp;** **const charp P;** A. P is a constant B. P is a character constant C. P is character type D. None of above	A
9.	Call by reference is also known as -- (a) Call by address or Call by location (b) Call by address or Call by value (c) Call by value or Call by name (d) None	A
10.	Any C program ____ (a) Must contain at least one function (b) need not contain any function (c) Needs input data (d) None	A

11.	The default parameter passing mechanism is (a) Call by value (b) Call by reference (c) Call by name (d) None	A
12.	Maximum number of arguments can be passed to a function are A. 2 B. 3 C. 4 D. Any	D
13.	Based on arguments and return types, functions are classified into A. 1 type B. 2 types C. 3 types D. 4 types	D
14.	String concatenation means (a) Combining two strings (b) Extracting a substring out of a string (c) Comparing two strings (d) partitioning the string into two strings	A
15.	In mathematics and computer programming, which is the correct order of mathematical operators? A. Addition, Subtraction, Multiplication, Division B. Division, Multiplication, Addition, Subtraction C. Multiplication, Addition, Division, Subtraction D. Addition, Division, Modulus, Subtraction	B
16.	Which of the following is not logical operator? A. & B. && C. || D. !	A
17.	Which of the following cannot be checked in a switch-case statement? A. Character B. Integer C. Float D. enum	C
18.	What do the following declaration signify? **int *ptr[30];** A. ptr is a pointer to an array of 30 integer pointers. B. ptr is a array of 30 pointers to integers. C. ptr is a array of 30 integer pointers. D. ptr is a array 30 pointers.	B
19.	The function used for writing a character to a file is _____ A) putc() B) fputs() C) fputchar() D) putw()	A
20.	The function used for reading a formatted input data from a file is ____ A) getchar() B) fscanf() C) fgetc() D)fgets()	B

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