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

Group – A	30 x 1 = 30

Sl. No.	Questions Lists	Correct Option
1.	Which of the following is the correct way of using type casting (A) c=(int)a/b; (B) c=a(int)/b; (C) c=int a/b; (D) None	A
2.	sizeof() operator returns the size of an operand in _____ (A) Bits (B) Nibble (C) Bytes (D) None	C
3.	The assignment statement —sum=sum+i;‖ is equivalent to (A) sum=+i; (B) sum+=i; (C) sum= =sum+i; (D) None	B
4.	The escape sequence character __causes the cursor to move to the next line on the screen - (a) \t (b) \n (c) \r (d) \v	B
5.	Character constants are enclosed in (a) ' ' (b) " " (c) ( ) (d) [ ]	A
6.	String constants are enclosed in – (a) ' ' (b) " " (c) ( ) (d) [ ]	B
7.	_____ is used to terminate from the entire program (a) return (b) break (c) exit (d) goto	C

8.	What is the output of the following code
	main()
	{
	    int a= 0,b = 20;
	    char x =1,y =10;
	  if(a,b,x,y)
	      printf("hello");
	}
	(a) Syntax error (b) hello (c) 10 (d) None
		B

9.	Which of the following is syntactically correct? (a) for(); (b) for(;); (c) for(,); (d) for(;;);	D
10.	How many bytes the array price occupies. float price[10]; (a) 10 bytes (b) 4 bytes (c) 40 bytes (d) 20 bytes	C

11.	How many times the following C code prints —Hello‖
	int main()
	{
	    do
	    {
	        printf("Hello ");
	    }while(0);
	}
	(a) One (b) zero (c) Infinite (d) Produce error
		A

12.	How many times the following C code prints —Hello‖ int main()	C

| | ```
{
while (1)
    printf("Hello ");
}
``` <br> (a) One     (b) zero     (c) Infinite     (d) Produce error | |
| 13. | Determine output: <br> ```
main()
{
int i=abc(10);
printf(―%d‖,--i);
}


int abc(int i)
{  return(i++);  }
``` <br> (a) 10     (b) 9     (c) 11     (d) None | B |
14.	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
15.	Any C program _____ (a) Must contain at least one function (b) need not contain any function (c) Needs input data (d) None	A
16.	The default parameter passing mechanism is (a) Call by value (b) Call by reference (c) Call by name (d) None	A
17.	Maximum number of arguments can be passed to a function are A. 2 B. 3 C. 4 D. Any	D
18.	Based on arguments and return types, functions are classified into A. 1 type B. 2 types C. 3 types D. 4 types	D
| 19. | What is the output of the following code <br> ```
main()
{
    char str1[ ]=‖mahendra singh, str2[ ]=‖dhoni captain‖;
    strncat(str1,str2,5);
    printf("\n %s",str1);
}
``` <br> (a) mahendra singhdhoni     (b) mahendra singhdhoni captain <br> (c) mahendra singh     (d) None | A |
| 20. | Which function locates the first occurrence of the character in a given string -
 (a) strstr()   (b) strchr()   (c) strrchr()   (d) strrstr() | B |
| 21. | 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 |
| 22. | What will be the output of the program? <br> ```
void main()
{
    char str[ ] = "online\0exam";
    printf("%s",str);
}
``` | B |

	(a) online\0exam (b) online (c) onlineexam (d) exam	

23.	What will be the output of the program?
	void main()
	{
	    char str1[20] = "Hello", str2[20] = " World";
	    printf("%sn", strcpy(str2, strcat(str1, str2)));
	}
	(a) HelloWorld (b) World (c) WorldHello (d) Hello
		A

24.	Which of the following is true for definition of a structure _____ A) Items of the same data type B) Items of the different data type C)Integers with user defined names D) List of Strings	B
25.	The keyword used to define a structure is _____ A) stru B) struct C) structure D) STRUC	B
26.	argv[0] points to A) Program name B) First argument C) Both D) None	A
27.	If the function fopen() fails, it returns _____ A) -1 B) 1 C) NULL D) Address	C
28.	The function used for writing a character to a file is _____ A) putc() B) fputs() C) fputchar() D) putw()	A
29.	The function used for reading a formatted input data from a file is _____ A) getchar() B) fscanf() C) fgetc() D)fgets()	B
30.	In C, file processing function fseek() _____ A) needs 2 arguments B)makes rewind function unnecessary C)takes 3 arguments D)none of the above	C

Group – B		20 x 2 = 40
Sl. No.	Questions Lists	Correct Option
1.	The range of "unsigned int" data type is_____ (a) -32768 to 32767 (b) 0 to 65535 (c) -65536 to 65535 (d) -128 to 127	B
2.	The size of "long double"‖ data type in 16-bit machine is _____ (a) 8 bytes (b) 10 bytes (c) 2 bytes (d) 4bytes	B
3.	The range of "char" data type is _____ (a) -128 to 127 (b) 0 to 255 (c) -32768 to 32767 (d) None	A
4.	The format specifier that is used to read or write a character is _____ (a) %f (b) %d (c) %c (d) %s	C
5.	If no precision is specified for floating point number then printf() prints _____ decimal positions. (a) Two (b)Four (c) Six (d) Zero	C
6.	What is the result of 8 | 4 ? (a) 0 (b) 1 (c) 4 (d) 12	D
7.	Which one of the following is having highest precedence (a) ++ (b) && (c) ( ) (d) ,	C
8.	Which one of the following is having least precedence (a) ++ (b) && (c) ( ) (d) ,	D

9.	The while loop is terminated when the conditional expression returns (a) 1 (b) 2 (c) 3 (d) Zero	D
10.	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
11.	The statement used to send back any value to the calling function is (a) break (b) continue (c) exit (d) return	D
12.	Which for loop has range of similar indexes of 'i' used in - **for (i = 0;i< n; i++)** (a) for (i = n; i>0; i–) (b) for (i = n; i >= 0; i–) (c) for (i = n-1; i>0; i–) (d) for (i = n-1; i>-1; i–)	D
13.	'for' loop in C program , if the condition is missing - (a) assumed to be present and taken to be false (b) assumed to be present and taken to be true (c) syntax error (d) execution will be terminated abruptly	B
14.	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
15.	break statement can use with i) loop ii)switch iii) block (a) onlyi,ii (b) only ii,iii (c) only i, iii (d) All	A
16.	Which among the following is not checked in switch case (a) character (b) integer (c) float (d) None	C
17.	Array is an example of which of the following? (a) Derived types (b) Fundamental types (c) User-defined types (d) None	A
18.	Which of the following is used to display a string on the screen? (a) %s (b) %c (c) %d (d) %f	A
19.	Which of the following is exit controlled loop (a) for (b) while (c) do-while (d) None	C
20.	How many bytes the array price occupies. float price[10]; (a) 10 bytes (b) 4 bytes (c) 40 bytes (d) 20 bytes	C

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