ACADEMY OF TECHNOLOGY
AEDCONAGAR, HOOGHLY – 712121

AOT

MCQ Question Bank 1 of Programming for Problem Solving (ES-CS201)

Module: 03
Bloom's Taxonomy Level: L1 (Remembering)

SL No	Question	Mark	CO No
1.	Which of the following is not a valid variable name declaration? a) int a2; b) int 2a; c) int _a2; d) int a_2;	1	CO3
2.	Which of the following statement is not a valid C variable declaration statement? a) int number; b) float rate; c) int variable_count; d) int float;	1	CO3

3.	Which statement can print \n on the screen?
	a) printf("\\n");
	b) printf("\n\\");
	c) printf("n");
	d) printf("\\\n");
		1	CO3

4.	Compiler generates__file. a) executable code b) object code c) assembly code d) source code	1	CO3
5.	printf("%d",'A') ; This statement generates output showing___. a)97 b) 65 c) A d) a	1	CO3
6.	Comparison operator cannot be used on _____. a) Integer b) float c) character d) constant value	1	CO3

7.	Which of the following is ternary operator? a) + b) ++ c) ?: d) = =	1	CO3
8.	ASCII value of "A" is__. 97 65 48 67	1	CO3
9.	ASCII value of "C" is__. 97 65 48 67	1	CO3
10.	97 is ASCII value of__. "A" "B" "a" "d"	1	CO3
11.	32 is ASCII value of __. „A" b) „1" c) „3" d) Space character	1	CO3
12.	49 is ASCII value of __.a) „1" b) „B" c) „2" d) „0"	1	CO3
13.	Which can be the address of the operator among the following? & * c) == d) &&	1	CO3
14.	#include is a__. a) function b) loop	1	CO3

SL No	Question	Mark	CO NO
	c) Array d) preprocessor command		
15.	Post-test loop refers to_____. for loop while loop do-while loop Both of a) and b)	1	CO3
16.	The loop entry condition for an entry controlled loop executes_____. a. at least 0 time b. at least 1 time c. at least 2 times d. at least 3 times	1	CO3
17.	'f' in printf function stands for_____. a. formatted b. function c. file d. file-output	1	CO3
18.	Select the odd one: a. while b. int c. do while d. for	1	CO3
19.	A computer cannot 'boot' if it does not have the a. compiler b. interpreter c. anti-virus d. operating system	1	CO3
20.	Find odd one: a. printf b. scanf c. sqrt d. switch	1	CO3

Module: 03
Bloom's Taxonomy Level: L3 (Apply) & L4 (Analyzing)

SL No	Question	Mark	CO NO

1.	What is the value of integer variable b if we find programming statement like b=printf("ES-CS201"); a) 8 b) 6 c) 7 d) garbage value	1	CO3
2.	printf("%c",50) ; This statement generates output showing___. a) 50 b) 1 c) 2 d) "50"	1	CO3
3.	What is the value of n if we find programming statement like n=printf("\\\\n"); a) 5 b) 3 c) \\\\n d) \\n3	1	CO3
4.	What will be the value of *i* and *m* after executing the following statements? int i=1,m;m=i++; a) 2,1 b) 1,1 c) 1,2 d) None of these	1	CO3
5.	printf("%d", -2 && printf("HI"));……gives a) 0 b) HI1 c) 1 d) 1HI	1	CO3

6.	Which will be the output of the following code?int x=9;
	if(10)
	printf("%d",++x);else
	printf("%d",x++);
	
	a) 9
	b) 10
	c) 11
	d) 12
		1	CO3

7.	Which will be the output?int main () {	1	CO3

	char i=65;
	printf ("%d", sizeof(i));
	}
	a) 1
	b) 2
	c) 4
	d) 8		

8.	Which will be the output?
	
	int main ()
	{
	int i=7;
	printf ("%d", i+sizeof(„A"));
	}
	a) 1
	b) 2
	c) 7
	d) 8
		1	CO3

9.	Which will be the output?
	int main ()
	{
	char i=65;
	printf ("%c", i);
	}
	a) a
	b) b
	c) A
	d) 65
		1	CO3

10.	The output of the code is_____.
	
	int fact=1;
	for (i=0;i<5;i++)
	{
	fact=fact*i;
	}
	printf ("%d", fact);
	
	a) 24
	b) 5
	c) Infinite loop
	d) 0
		1	CO3

11.	The output of the code is_____.
	
	int fact=1;
	for (i=1; 4 ;i++)
	{
	fact=fact*i; printf("%d", fact);
	}
		1	CO3

	a) 24 b) 126 c)Infinite loop d) 6		

12.	The output of the code is____.
	
	int fact=1;
	for (i=0,i<5; i++)
	{
	fact=fact*i;
	printf ("%d", fact);
	}
	
	24
	5
	Infinite loop
	Compilation Error
		1	CO3

13.	What is the output if we consider the following programming code?#include <stdio.h>
	int main ( )
	{
	int arr[4] = {1, 2, 3, 4};
	printf("%d", 2[arr]);
	}
	1
	2
	3
	4
		1	CO3

14.	What is the output if we consider the following programming code?#include <stdio.h>
	int main ( )
	{
	char a[4] = {„C",4.85,"D",E}
	printf("%c", a[3]);
	}
	
	C
	Compilation Error
	D
	E
		1	CO4

15.	Which will be the output?
	int main ()
	{
	   char i="F";
	   printf ("%d", i);
	 }		

	a) F b) 70 c) 69 d) 81		

16.	What is the output if we find a programming statement like ……..
	if (-14)
	   Printf("HELLO");
	else
	  Printf("WORLD");
	
	a) HELLO
	b) HELLOWORLD
	c) WORLD
	d) Compilation Error
		1	CO3

17.	What is the output if we consider the following programming code?
	#include <stdio.h>
	int main ( )
	{
	   int num=72;
	   printf("%c", num);
	}
	
	a. 72
	b. 71
	c. H
	d. G
		1	CO3

18.	Values of x and y are __,____respectively if we consider following code:
	#include<stdio.h>
	int main()
	{
	   int x=7,y;y=x--;
	}
	a) 7,7
	b) 6,6
	c) 6,7
	d) 7,6
		1	CO3

19.	Values of p and q are __,____respectively if we consider following code:
	#include<stdio.h>
	int main()
	{
	   int p=5,q;q=++p;
	}
	
	a) 5,6
	b) 6,6
		1	CO3

	c) 6,5 d) 5,5		

20.	What is the output if we consider the following code?#include<stdio.h>
	int main()
	{
	while(printf("ES-CS201"))
	{
	break;
	}
	
	}
	a. Compilation Error
	b. Infinite loop
	c. ES-CS201
	d. No output
		1	CO3

21.	What will be the output?
	void main()
	{
	int x=7, y=5; x=y++ + x++;y=++y + ++x;
	printf("%d %d", x, y);
	}
	a) 12 14
	b) 13 20
	c) 9 7
	d) 12 19
		2	CO3

22.	Which will be the output?
	void main()
	{ int sum=0,i;
	for (i=0;i<=10;i++)
	{
	if (i%2==0)
	continue;sum=sum+i;
	}
	printf("%d",sum);
	
	}
	
	55
	23
	30
	25
		2	CO3

23.	Which will be the output? void main() { int i=2; switch(i) {	2	CO3

	case 1: printf ("one"); case 2: printf ("two"); case 3: printf ("three"); default: printf ("error"); } } a. one two three error b. Compilation Error c. two three error d. two three		
24.	The output of the code will be_____.int i=5; printf("%d %d %d", i, i++, ++i); a) 5 5 7 b) 7 6 7 c) 7 6 5 d) 7 6 6	2	CO3

25.	Which will be the output?void main ()
	{
	int i, j; for(i=0,j=5;i<j;i++);
	printf("%d %d", i, j);
	}
	a) 5 5
	b) 0 5 1 4 2 3
	c) Error
	d) Infinite loop
		2	CO3

26.	Which is the correct output?void main ()
	{
	int i=5, j=6;
	printf ("%d", i+ ++j);
	}
	a) 12
	b) 11
	c) 10
	d) 13
		2	CO3

27.	The output of the code will be_____.
	int n=12;
	if(n)
	printf("%d", n);
	
	a. 12
	b. 5
	c. No output
	d. Compilation error
		2	CO3

28.	The output of the code will be_____.int main() { char s = 3;switch (s) { case '1': printf("P ") ; case '2': printf("Q ") ;default: printf("R ") ; } printf("S") ; } a. Q R S b. Compilation error c. R S d. P Q R S	2	CO3

29.	The output of the code will be_____.int main()
	{
	int i = 3, j = 4;switch(i || j)
	{
	case 1: printf("inside case 1"); break;
	case 3: printf("inside case 3"); break;
	case 4: printf("inside case 4"); break;
	case 0: printf("inside case 7"); break;
	}
	return 0;
	}
	
	a. inside case 1
	b. inside case 3
	c. inside case 4
	d. inside case 7
		2	CO3

30.	The output of the code will be_____.int main()
	{ int a = 10;switch(a)
	{
	case 10:
	case 20:
	case 30:
	default: printf("default");
	}
	return 0;
	}
	
	a) 10
	b) Compilation Error
	c) default
	d) None of the above
		2	CO3

31.	The output of the code will be_____.int a=5; if(a=3) printf("true %d",a); a) No output	2	CO3

	b) true 3 c) Compilation error d) None of these		

32.	What will be the output?
	void main()
	{
	int a[ ]={11,22,33};
	for (i=0;i<=2;i++)
	printf("%d ",++i[a]);
	}
	
	a) Compilation Error
	b) 12 23 34
	c) 11 22 33
	d) 12 0 34
		2	CO3

33.	What will be the output?
	void main()
	{
	int i;
	for (i=1;i<=3;i++)
	printf("%c ",i+50);
	}
	
	a) 51 52 53
	b) 1 2 3
	c) 3 4 5
	d) 4 5 6
		2	CO3

34.	What will be the output?
	
	void main()
	{
	char i;
	for (i="2";i>="0";i--)
	printf("%d ",i);
	}
	
	a) 2 1 0
	b) 50 49 48
	c) 51 50 49 48
	d) 3 2 1 0
		2	CO3

35.	What will be the output?int n=12;
	if(n%2!=0) ;
	printf("%d", n++);
	
	a. 12
		2	CO3

	b. 13 c. No output d. Compilation error		

36.	What will be the output?void main()
	{
	int i;
	for (i=68;i>=65;i--)
	printf("%c ",i);
	}
	
	a. DCB
	b. DCBA
	c. D C B A
	d. A B C D
		2	CO3

37.	Which will be the output?
	
	void main()
	{
	float i=48 ;switch(i)
	{
	case 48: printf ("one"); case 0: printf ("two");
	case 49: printf ("three");default: printf
	("error");
	}
	}
	
	a. one two three error
	b. compilation error
	c. three error
	d. two three
		2	CO3

38.	Which will be the output?int i=0; i>!0?printf("true"):printf("false"); a. true b. false c. 0 d. 1	2	CO3

39.	Which will be the output?
	void main()
	{
	int i="0" ;switch(i)
	{
	case 48: printf ("one"); case 0: printf ("two");
	case 49: printf ("three");default: printf
	("error");
	}
	}
	
	a. one two three error
		2	CO3

	b. two c. three error d. two three		

40	Which will be the output?
	
	void main()
	{
	int sum=0,i;
	for (i=1;i<=10;i++);
	{
	if (i%2==0)
	sum++;sum=sum+i;
	}
	printf("%d",sum);
	}
	
	a. 55
	b) 136
	c. 30
	d. 11
		2	CO3

41	What will be the output?
	void main()
	{
	int x=7, y=5;x=y+x; y=x++;
	printf("%d %d", x, y);
	}
	
	a) 12 14
	b) 13 12
	c) 9 7
	d) 6 6
		2	CO3

42.	The output of the code will be_____.
	int main()
	{ int a = 10;switch(a)
	{
	printf("10");case 10:
	case 20:
	case 30:
	default: printf("default");
	}
	return 0;
	}
	
	a) 1010
	b) Compilation Error
	c) default
	d) 10
		2	CO3

43.	The output of the code will be_____.
	
	``c
	int main()
	{
	int i = -3, j = 4; switch (!i && j)
	{
	case 1: printf("inside case 1"); break;
	case 3: printf("inside case 3"); break;
	case 4: printf("inside case 4"); break;
	case 0: printf("inside case 7"); break;
	}
	return 0;
	}
	``
	a. inside case 1
	b. inside case 3
	c. inside case 4
	d. inside case 7
		2	CO3

44.	The output of the code will be_____.
	
	``c
	for(; ;)
	{
	printf("Hello");
	}
	``
	a. 24
	b. 5
	c. Infinite loop
	d. Error
		2	CO3

45.	Which will be the output?void main ()
	``c
	{
	int i, j=3; for(i=0; i<j;i++)
	printf("%d %d ", i, j);
	}
	``
	a) 3 2
	b) 0 3 1 3 2 3
	c) Error
	d) Infinite loop
		2	CO3

46.	The output of code will be___.
	
	``c
	int i=5;
	printf("%d %d ", i, i++);
	``
	5 5
	5 6
	6 6
	6 5
		2	CO3

47.	Which will be the output?void main()
	``c
	{ int i="1";
	switch(i)
	``
		2	CO3

	{ case 1: printf ("one"); case 0: printf ("two"); case 49: printf ("three");default: printf ("error"); } } a. one two three error b. two c. three error d. one		

48.	Which is the correct output?
	 void main ()
	 {
	     int i=5, j=6, z;
	     printf ("%d", ++z=i+j);
	 }
	 a) 0
	 b) 11
	 c) 10
	 d) 1
		2	CO3

49.	What will be the output?void main()
	 {
	   int x=7, y=5;x=y++; y=++x;
	    printf("%d %d", x, y);
	 }
	
	 a) 12 14
	 b) 8 8
	 c) 9 7
	 d) 6 6
		2	CO3