Academic Task Number: 2
Date of allotment: 09-02-23
Date of submission: 21-02-23
Academic Task Type: TEST

Course code: CSE101
Course title: COMPUTER PROGRAMMING
Maximum Marks: 30

SET A

Q. No	Question Statement	Course Outcome	Bloom's Level	Marks per question

1	What will be the output for the C code?
	int main() {
	int x = 5, y = 2;
	x *= x – y + 6;
	printf("%d", x);
	return 0;
	}
	A. 23
	B. 15
	C. Undefined behavior
	D. 21
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L3: Applying	2

2	What is the value of a & c in the end of code?
	void main() {
	int b = 2, c , a = 3;
	a = 2*(b++)+4;
	c = 2*(++b);
	}
	A. 8 10
	B. 8 8
	C. 6 10
	D. 6 8
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L5: Evaluating	2

3	What will be the output for the C code?
	int main() {
	int n = 10;
	n = n / 3;
	printf("%d", n);
	return 0;
	}
	A. 2
	B. 1
	C. 3
	D. Compile-time error
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L3: Applying	2

4	What will be the output for the following C code?
	void main() {
	int i = 0, j = 1, k = 2, m;
	m = i++ || j++ ;
	printf("%d %d %d %d", m, i, j, k);
	}
	A. 0 1 2 3
	B. 1 1 2 2
	C. 1 1 3 2
	D. 0 1 2 2
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L5: Evaluating	2

5	What will be the output for the following C code?
	void main() {
	int y = 2;
	int x = 9 / 2 * y / 2;
	printf("Value of x is %d", x);
	}
	A. Value of x is 3
	B. Value of x is 2
	C. Value of x is 1
	D. Value of x is 4
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L4: Analysing	2

6	What will be the output for the following C code?
	int main() {
	int a = 14;
	double b = 2.6;
	int c;
	c = a + b;
	printf("%d", c);
	}
	A. 10.6
	B. 10
	C. 16.6
	D. 16
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L3: Applying	2

7	What is the output of this C code?
	int main() {
	int x = 'a';
	printf("%f", x);
	return 0;
	}
	A. 0
	B. 0.000000
	C. 97
	D. 97.000000
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO2: write programs to solve different problems using C constructs irrespective of the compilers
			L2: Understanding	2

8	What is the output of this C code?
	int main() {
	double f1 = 0.1;
	if (f1 == 0.1)
	printf("equal\n");
	else
	printf("not equal\n");
	}
	A. equal
	B. not equal
	C. Output depends on compiler
	D. None of the mentioned
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L4: Analysing	2

9	What is the value of n & m in the end of program
	void main() {
	int j = 5;
	int m = 2* j / 2;
	int n = 2* (j / 2);
	}
	A. 5 5
	B. 4 5
	C. 4 4
	D. 5 4
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L5: Evaluating	2

10	What will be the output for the C code?
	int main() {
	float n = 14;
	n = n / 3;
	printf("%.1f", n);
	return 0;
	}
	A. 4.7
	B. 4
	C. 4.6
	D. 5
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L3: Applying	2

11	What will be the output of below C program?
	void main() {
	int y = 8, z = 3;
	int x = 9 % 3 + 16 / y - 2 / z;
	printf("Value of x is %d", x);
	}
	A. Value of x 0
	B. Value of x is 2
	C. Value of x is 0
	D. Value of x is 4
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L4: Analysing	2

12	What will be the output of below C program?
	void main() {
	int b = 7, c = 3, a = 5;
	a = a++-(b++);
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers	L4: Analysing	2

	b = c-++a;
	int x= b+++2;
	printf("%d", x);
	}
	A. 7
	B. 8
	C. 9
	D. 6
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code		

13	What will be the output of C program?
	void main() {
	int i = 7;
	int l = i / -6;
	int m = i % -6;
	printf("%d %d", m, l);
	}
	A. -1 1
	B. 1 -1
	C. -1 -1
	D. 1 1
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L5: Evaluating	2

14	What will be the output of C program?
	int main() {
	int abcdefghijkl0123456789;
	printf("%d", abcdefghijkl0123456789);
	return 0;
	}
	A. 0
	B. 9
	C. Garbage Value
	D. Compile-time error
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO2: write programs to solve different problems using C constructs irrespective of the compilers
			L2: Understanding	2

15	What will be the output for the C code?
	int main ()
	{
	int a = 32, b=65;
	printf(%d\t%d",a,b);
	return 0;
	}
	A. 3265
	B. 32 65
	C. 6532
	D. 65 32
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO2: write programs to solve different problems using C constructs irrespective of the compilers
			L2: Understanding	2

Answers

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
D	B	C	B	D	D	B	A	B	A	B	D	B	A	B

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SET B

Q. No	Question Statement	Course Outcome	Bloom's Level	Marks per question

1	What will be the output for the following C code?
	int main() {
	int a = 8;
	double b = 2.6;
	int c;
	c = a + b;
	printf("%d", c);
	}
	A. 10.6
	B. 10
	C. 16.6
	D. 16
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L3: Applying	2

2	What is the output of this C code?
	int main() {
	float x = 'a';
	printf("%i", x);
	return 0;
	}
	A. 0
	B. 0.000000
	C. 97
	D. 97.000000
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO2: write programs to solve different problems using C constructs irrespective of the compilers
			L2: Understanding	2

3	What will be the output for the C code?
	int main() {
	int n = 8;
	n = n / 3;
	printf("%d", n);
	return 0;
	}
	A. 2
	B. 1
	C. 3
	D. Compile-time error
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L3: Applying	2

4	What will be the output for the following C code?
	void main() {
	int i = 0, j = 2, k = 2, m;
	m = i++ || j++ ;
	printf("%d %d %d %d", m, i, j, k);
	}
	A. 0 1 2 3
	B. 1 1 2 2
	C. 1 1 3 2
	D. 0 1 2 2
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L5: Evaluating	2

5	What is the output of this C code?
	int main() {
	float f1 = 0.1;
	if (f1 == 0.1)
	printf("equal\n");
	else
	printf("not equal\n");
	}
	A. equal
	B. not equal
	C. Output depends on compiler
	D. None of the mentioned
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L4: Analysing	2

6	**What will be the output for the C code?** **int main() {** **int x = 5, y = 2;** **x *= x - y;** **printf("%d", x);** **return 0;** **}** **A. 23** **B. 15** **C. Undefined behavior** **D. 21**	**CO1: discuss the various approaches towards solving a particular problem using the C language constructs** **CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code**	**L3: Applying**	**2**
7	**What is the value of a & c in the end of code?** **void main() {** **int b = 3, c , a = 2;** **a = 2*(b++);** **c = 2*(++b);** **}** **A. 8 10** **B. 8 8** **C. 6 10** **D. 6 8**	**CO2: write programs to solve different problems using C constructs irrespective of the Compilers** **CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code**	**L5: Evaluating**	**2**
8	**What will be the output for the C code?** **int main () {** **int a = 65,b=32;** **printf(%d\t%d",a,b);** **return 0;** **}** **A. 32** **B. 32 65** **C. 6532** **D. 65 32**	**CO1: discuss the various approaches towards solving a particular problem using the C language constructs** **CO2: write programs to solve different problems using C constructs irrespective of the compilers**	**L2: Understanding**	**2**
9	**What will be the output of below C program?** **int main()** **{** **int abcdefghijkl0123456789 = 9;** **printf("%d", abcdefghijkl0123456789);** **return 0;** **}** **A. 0** **B. 9** **C. Garbage Value** **D. Compile-time error**	**CO1: discuss the various approaches towards solving a particular problem using the C language constructs** **CO2: write programs to solve different problems using C constructs irrespective of the compilers**	**L2: Understanding**	**2**
10	**What is the value of m & n in the end of program** **void main()** **{** **int j = 5;** **int m = 2* j / 2;** **int n = 2* (j / 2);** **}** **A. 5 5** **B. 4 5** **C. 4 4** **D. 5 4**	**CO1: discuss the various approaches towards solving a particular problem using the C language constructs** **CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code**	**L5: Evaluating**	**2**
11	**What will be the output of below C program?** **void main()** **{** **int i = 3;** **int l = i / -2;** **int m = i % -2;** **printf("%d %d", m, l);** **}** **A. -1 1** **B. 1 -1** **C. -1 -1** **D. 1 1**	**CO1: discuss the various approaches towards solving a particular problem using the C language constructs** **CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code**	**L5: Evaluating**	**2**

12	What will be the output of below C program?
	void main()
	{
	int b = 7, c = 3, a = 5;
	a = a++-(++b);
	b = c-++a;
	int x= b+++2;
	printf("%d", x);
	}
	A. 7
	B. 8
	C. 9
	D. 6
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L4: Analysing	2

13	What will be the output of below C program?
	void main()
	{
	int y = 8, z = 3;
	int x = 9 % 3 + 16 / y - 6 / z;
	printf("Value of x is %d", x);
	}
	A. Value of x 0
	B. Value of x is 2
	C. Value of x is 0
	D. Value of x is 4
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L4: Analysing	2

14	What will be the output for the C code?
	int main()
	{
	int n = 14;
	n = n / 3;
	printf("%d", n);
	return 0;
	}
	A. 4.6
	B. 4
	C. 5
	D. Compile-time error
		CO1: discuss the various approaches towards solving a particular problem using the C language constructs
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L3: Applying	2

15	What will be the output for the following C code?
	void main()
	{
	int y = 4;
	int x = 9 % 2 * y / 2;
	printf("Value of x is %d", x);
	}
	A. Value of x is 3
	B. Value of x is 2
	C. Value of x is 1
	D. Value of x is 4
		CO2: write programs to solve different problems using C constructs irrespective of the Compilers
		CO5: categorize the theoretical knowledge and insights gained thus far to formulate working code
			L4: Analysing	2

Answers

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
B	A	A	C	B	B	C	D	B	D	B	A	C	B	B