



Varendra University

Department of Computer Science and Engineering

Class Test #1, Spring 2024
Course Code: CSE 1101
Time: 20 Minutes

Batch-34th Section – A+B
Course Title: Structured Programming Language
Date: 18 Feb, 2024
Full Marks: 10

Set: A

ID:	Name:
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Answer All Questions

Marks

1. Find the output of the following code segment:

2

```
int x = 20, m = 10;  
printf("x = %d\t m = %d\n", ++x, m++);  
printf("x = %d\t m = %d\n", x++, ++m);
```

Output:

2. Find the errors of the following code snippet and correct it.

2

```
int x;  
float y = 16.5;  
x = y % 4;
```

Answer:

3. Determine whether the followings are valid or invalid identifiers and mention the reason.

2

CSE_1101	
CSE-1101	
return	
1101_CSE	

4. Find the value of the following C expression:

2

$$11/4+5\%3*2$$

Answer:

5. Find the value of x after execution of the following program segment:

2

```
int x, y = 10;  
char z = 'a';  
x = y + z;
```

Answer:



ID:	Name:
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Answer All Questions

Marks

1. Find the output of the following code segment:

2

```
int x = 20, m = 10;
printf("x = %d\t m = %d\n", x++, ++m);
printf("x = %d\t m = %d\n", ++x, m++);
```

Output:

```
x = 21 m = 11
x = 22 m = 12
```

2. Find the errors of the following code snippet and correct it.

2

```
int x;
float y = 16.5;
x = y % 3;
```

Answer:

3. Determine whether the followings are valid or invalid identifiers and mention the reason.

2

CSE_1101	
CSE-1101	
double	
1101_CSE	

4. Find the value of the following C expression:

2

$11/4+5*3\%2$

Answer:



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ID:	Name:
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Marks

Answer All Questions

2

1. Find the output of the following code segment

```
int x = 20, m = 10;  
printf("x = %d/m = %d\n", x++, ++m);  
printf("x = %d/m = %d\n", ++x, m++);
```

5. Find the value of x after execution of the following program segment:

2

```
int x, y = 10;  
char z = 'A';  
x = y + z;
```

Answer:

Output:

2. Find the error of the following code snippet and correct it.

```
int x;
```