

1. What will be the output of the following code snippet?

```
#include<stdio.h>
int main()
{
    int 1abc=10;
    printf("%d",1abc);
    return 0;
}
```

☒ Compile time Error

☐ 10

☐ 110

☐ Garbage value

2. Predict the output.

```
#include<stdio.h>
int main()
{
    int number one=120;
    printf("%d",number one);
    return 0;
}
```

☒ Compile time error

☐ number one

☐ No output

☐ 120

3. Predict the output of the following code snippet.

```
#include<stdio.h>
int main()
{
    int abc@1=10;
    printf("%d",abc@1);
    return 0;
}
```

☒ Compile time error

☐ 0

☐ 1

☐ 10

- 4.

What will be the output of the following code?

```
#include<stdio.h>
int main()
{
    int a=10,b=5,c=2,d=3,res;
    res=a+b/c*d-a;
    printf("%d",res);
    return 0;
}
```

- ☐ 12
- ☐ 0
- ☒ 6
- ☐ 11

5. Predict the output of the following code snippet.

```
#include<stdio.h>
int main()
{
    int a=10;
    printf("%x",a);
    return 0;
}
```

- ☐ 01
- ☒ a
- ☐ Compile time error
- ☐ 10

6. What will be the output of the following code?

```
#include<stdio.h>
int main()
{
    int a=10;
    printf("%o",a);
    return 0;
}
```

- ☒ 12
- ☐ 10
- ☐ 8
- ☐ Compile time error

7. Predict the output.

```
#include<stdio.h>
int main()
{
    int x=98;
    printf("%c",x);
    return 0;
}
```

- ☒ b
- ☐ Compile time error
- ☐ 98
- ☐ c

8. Predict the output of the following code snippet.

```
#include<stdio.h>
int main()
{
    int var = 010;
    printf("%d", var);
}
```

- ☒ 8
- ☐ 2
- ☐ 9
- ☐ 10

9. What is the output of the following code?

```
#include <stdio.h>
int main()
{
    int a = 1;
    int b = 2;
    printf("%.2f", 1 / 2);
}
```

- ☐ 0.50
- ☐ 0.500000
- ☐ 0.000000
- ☒ 0.00

10.

Predict the output of the following program.

```
#include <stdio.h>
#include <math.h>
int main()
{
    char ch1 = 'Z';
    char ch2 = 'a';
    int output = abs(ch1 - ch2);
    printf("%d", output);
}
```

- ☐ -7
- ☐ 32
- ☐ -32
- ☒ 7

11. Match the following correctly

C Data Types **Format Specifiers**

- | | |
|-------------|--------|
| 1. int | a. %f |
| 2. char | b. %d |
| 3. float | c. %c |
| 4. double | d. %lf |
| 5. long int | e. %ld |

- ☐ 1-b, 2-c, 3-a, 4-e, 5-d
- ☐ 1-a, 2-c, 3-b, 4-d, 5-e
- ☐ 1-b, 2-c, 3-d, 4-a, 5-e
- ☒ 1-b, 2-c, 3-a, 4-d, 5-e

12. Guess the output of the following C program.

```
1 #include <stdio.h>
2 int main()
3 {
4     int main = 10;
5     printf("%d", main * main);
6 }
```

- ☐ Compilation Error
- ☐ Runtime Error
- ☐ 10
- ☒ 100

13. What will be the output of the following pseudocode?

```
int j = 41, k = 37
j = j + 1
```

k = k - 1

j = j / k

k = k / j

print k, j

☐ 42 36

☒ 36 1

☐ 1 1

☐ 1 36

14. What will be the output of the following pseudocode?

1. Integer a = 5, b = 4, c = 3

2. a = b + c

3. c = a - b

4. c = c + a

5. b = b + c

6. Print a, b, c

☒ 7 14 10

☐ 7 14 7

☐ 7 12 14

☐ 7 14 18

15. What will be the output of the following pseudocode?

Integer a=5, b=4, c=3

a = b + c

c = a - b

c = c + a

b = b + c

Print a, b, c

☒ 7 14 10

☐ 7 14 7

☐ 7 12 14

☐ 7 14 18