

1. What is the name of the library which contains the printf() function?

- ☐ stdlib.h
- ☐ string.h
- ☒ stdio.h
- ☐ printer.h

2. What does the '\n' character mean?

- ☒ Newline
- ☐ Tab
- ☐ End of line
- ☐ End of file

3. What type of data is surrounded by double quotes in a program?

- ☐ A character
- ☐ A literal numerical value
- ☐ A comment
- ☒ A string

4. What C type is one byte long?

- ☐ String
- ☐ Float
- ☐ Int
- ☒ char

5. Does the following statement evaluate to True or False?

$(10 \parallel (5-2)) \ \&\& \ ((6 / 2) - (1 + 2))$

- ☐ True
- ☒ False

6. What does the following program print to the screen?

```
int main ()
{
    int x = 0, y = 1;
    if (x || !y)
        printf("1");
    else if (y && x)
        printf("2");
    else
        printf("3");
}
```

- ☐ 1
- ☐ 2
- ☒ 3
- ☐ 1 3

7. What does the following program print to the screen?

```
int main ()
{
    int x = 0, z = 2;
    while (x < 3)
    {
        printf ("%i ", x);
        x = x + z;
    }
}
```

- ☐ 0
- ☐ 0 1
- ☒ 0 2
- ☐ 0 1 2

8. What does the following program print to the screen?

```
int foo (int q)
{
    int x = 1;
    return (q + x);
}
```

```
int main ()
{
    int x = 0;
    while (x < 3)
    {
        printf ("%i ", x);
        x = x + foo(x);
    }
}
```

- ☐ 0
- ☒ 0 1
- ☐ 0 2
- ☐ 0 1 2