Multiple Choice Questions

1. _____ control statement repeatedly executes a set of statements.
   a. Iterative
   b. Conditional
   c. Multi-way
   d. All of these

2. Deduce the output of the following code.

```
if False and False:
  print("And Operation")
elif True or False:
  print("Or operation")
else:
  print("Default case")
```

   a. And Operation
   b. Or Operation
   c. Default Case
   d. B and C option

3. Predict the output of the following code.

```
i = 1
while True:
  if i%2 == 0:
    break
  print(i)
  i += 1
```

   a. 1
   b. 12
   c. 123
   d. None of these

4. Which keyword is used to take the control to the beginning of the loop?
   a. exit
   b. break
   c. continue
   d. None of these

5. The step argument in range() function _____.
   a. indicates the beginning of the sequence
   b. indicates the end of the sequence
   c. indicates the difference between every two consecutive numbers in the sequence
   d. generates numbers up to a specified value

6. The symbol that is placed at the end of if condition is
   a. ,
   b. :
   c. &
   d. -
7. What is the keyword that is used to come out of a loop only for that iteration
   a. break
   b. return
   c. continue
   d. if
8. Judge the output of the following code snippet.

```
for i in range(10):
    if i == 5:
        break
    else:
        print(i)
```

   a. 0 1 2 3 4
   b. 0 1 2 3 4 5
   c. 0 1 2 3
   d. 1 2 3 4 5
9. Predict the output of the following code snippet.

```
while True:
    print(True)
    break
```

   a. True
   b. False
   c. None
   d. Syntax error
10. The output of the below expression is
    >>>10 * (1/0).
    a. OverflowError
    b. ZeroDivisionError
    c. NameError
    d. TypeError
11. How many except statements can a try-except block have?
    a. Zero
    b. One
    c. More than one
    d. More than zero

12. When will the else part of the try-except-else be executed?
    a. Always
    b. When an exception occurs
    c. When no exception occurs
    d. When an exception occurs in a try block
13. When is the finally block executed?
    a. When an exception occurs
    b. When there is no exception
    c. Only if some condition that has been specified is satisfied
    d. always
14. The keyword that is not used as an exception handling in Python?
    a. try
    b. except
    c. accept
    d. finally
15. An exception is
    a. A object
    b. A special function
    c. A special module
    d. A module
16. The set of statements that will be executed whether an exception is thrown or not?
    a. except
    b. else
    c. finally
    d. assert
17. Predict the output of the following code snippet.

```
while True
  print("Hello World")
```

    a. Syntax Error
    b. Logical Error
    c. Run-time error
    d. None of these
18. Gauge the output of the following statement?

```
int("65.43")
```

    a. Import error
    b. Value error
    c. Type error
    d. Name error

19. The error that is not a standard exception in Python.
    a. Name Error
    b. Assignment Error
    c. IO Error
    d. Value Error
20. The function that generates a sequence of numbers which can be iterated through using *for* loop.
    a. input()
    b. range()
    c. list()
    d. raw_input()
21. What is the output of the following code snippet?

```
x = 'abcd'
for i in x:
    print(i)
```

    a. abcd
    b. 0 1 2 3
    c. iiiii
    d. Traceback
22. The function of while loop is
    a. Repeat a chunk of code a given number of times.
    b. Repeat a chunk of code until a condition is true.
    c. Repeat a chunk of code until a condition is false.
    d. Repeat a chunk of code indefinitely.

Review Questions

1. Briefly explain the conditional st
2. Explain the synt