10 multiple-choice questions (MCQs) for intermediate-level Python:

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

```python

def my\_func(a, b=2, c=3):

print(a, b, c)

my\_func(1, c=4)

```

a) 1 2 3

b) 1 2 4

c) 1 4 3

d) Error: Missing positional argument 'b'

2. What is the output of the following code?

```python

a = [1, 2, 3]

b = a

b[0] = 5

print(a)

```

a) [1, 2, 3]

b) [5, 2, 3]

c) [1, 2, 3, 5]

d) Error: 'list' object does not support item assignment

3. What does the `zip()` function in Python do?

a) Combines two lists into a dictionary

b) Creates a list of tuples, where each tuple contains elements from the same index in each iterable

c) Zips or compresses a file

d) Converts a list into a set

4. What is the output of the following code?

```python

x = "hello"

y = "world"

print(x + y)

```

a) helloworld

b) hello world

c) hello\nworld

d) Error: unsupported operand type(s) for +: 'int' and 'str'

5. Which of the following is the correct way to open a file in Python and ensure it gets closed automatically after usage?

a) ```python

file = open("example.txt", "r")

```

b) ```python

with open("example.txt", "r") as file:

```

c) ```python

file = open("example.txt", "r")

file.close()

```

d) ```python

open("example.txt", "r")

```

6. What does the `\_\_init\_\_` method in Python classes do?

a) Initializes a new object of the class

b) Deletes an object of the class

c) Initializes the class itself

d) Copies the attributes of one object to another

7. What is the output of the following code?

```python

def foo(n):

return n \* n

numbers = [1, 2, 3, 4]

result = map(foo, numbers)

print(list(result))

```

a) [1, 4, 9, 16]

b) [[1, 1], [2, 2], [3, 3], [4, 4]]

c) Error: 'map' object is not subscriptable

d) [1, 2, 3, 4]

8. Which of the following is used to raise an exception in Python?

a) `raise Exception("An error occurred")`

b) `except Exception as e:`

c) `try:`

d) `assert`

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

```python

a = 10

b = 5

a, b = b, a

print(a, b)

```

a) 10 5

b) 5 10

c) 10 10

d) 5 5

10. What is the purpose of the `yield` keyword in Python?

a) To define a generator function

b) To return a value from a function

c) To stop the execution of a function

d) To define a recursive function