



Vendor: CWNP

Exam Code: CPNAE-101

Exam Name: CWNP Python Network Administrator and Engineer (CPNAE)

Version: DEMO

QUESTION 1

What is the output of the following code?

```
python
d = {"r1": "10.1.1.1", "r2": "10.1.1.2"}
for k, v in d.items():
    print(k, end=" ")
```

Response:

- A. r1 r2
- B. 10.1.1.1 10.1.1.2
- C. ('r1', '10.1.1.1') ('r2', '10.1.1.2')
- D. KeyError

Answer: A

Explanation:

items() yields (key, value) tuples that are unpacked into k and v. Only k is printed, so the output is the two keys separated by spaces.

QUESTION 2

What is the output of the following code?

```
python
vlans = [10, 20]
vlans.append([30, 40])
print(len(vlans))
```

Response:

- A. 2
- B. 3
- C. 4
- D. TypeError

Answer: B

Explanation:

append() adds its argument as a single element, so the nested list becomes the third item. extend() would have added 30 and 40 individually, producing a length of 4.

QUESTION 3

What is printed by the following code?

```
python
status = "up"
errors = 0
if status == "up" and errors == 0:
    print("healthy")
elif status == "up":
    print("degraded")
else:
    print("down")
```

Response:

- A. healthy
- B. degraded
- C. down
- D. Nothing is printed

Answer: A

Explanation:

Both operands of the and expression are True, so the first branch runs and the elif and else branches are skipped.

QUESTION 4

Which logical operator returns True only when both of its operands are True?

Response:

- A. or
- B. and
- C. not
- D. is

Answer: B

Explanation:

and requires both operands to be truthy. or requires at least one, not inverts a single operand, and is tests object identity rather than a logical combination.

QUESTION 5

What is printed by the following code?

```
python
x = 0
print("empty" if not x else "set")
```

Response:

- A. empty
- B. set
- C. True
- D. SyntaxError

Answer: A

Explanation:

The integer 0 is falsy, so "not x" evaluates to True and the conditional expression returns the value before the if keyword.

QUESTION 6

What is printed by the following code?

```
python
allowed = ["10.1.1.1", "10.1.1.2"]
ip = "10.1.1.3"
```

```
if ip not in allowed:  
    print("blocked")  
else:  
    print("permitted")
```

Response:

- A. blocked
- B. permitted
- C. None
- D. TypeError

Answer: A

Explanation:

The membership operator "not in" returns True because the string is absent from the list, so the first branch executes.

QUESTION 7

What is the output of the following code?

```
python  
for i in range(1, 4):  
    print(i, end=" ")
```

Response:

- A. 1,2,3,
- B. 0,1,2,3,
- C. 1,2,3,4,
- D. 0,1,2,

Answer: A

Explanation:

range(start, stop) is inclusive of start and exclusive of stop, so it yields 1, 2, and 3.

QUESTION 8

What is the output of the following code?

```
python  
attempts = 0  
while True:  
    attempts += 1  
    if attempts == 3:  
        break  
    print(attempts)
```

Response:

- A. 2
- B. 3
- C. 4
- D. The loop never terminates

Answer: B

Explanation:

The counter increments before the test, so the break fires on the third pass while attempts holds the value 3.

QUESTION 9

Which statement skips the remainder of the current loop iteration and proceeds to the next one?

Response:

- A. break
- B. pass
- C. continue
- D. return

Answer: C

Explanation:

continue jumps to the next iteration. break exits the loop entirely, pass is a no-op placeholder, and return exits the enclosing function.

QUESTION 10

What is the output of the following code?

```
python
devices = ["r1", "r2", "r3"]
commands = ["show version", "show ip int brief"]
count = 0
for d in devices:
    for c in commands:
        count += 1
print(count)
```

Response:

- A. 3
- B. 5
- C. 6
- D. 9

Answer: C

Explanation:

The inner loop runs once per command for each device, so the body executes $3 \times 2 = 6$ times.

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