ANSWER KEY

Lesson Quiz Answer Key

The quiz is worth 12 points. Each Part A item is worth one point, and each Part B item is worth two. Give a Part B answer 2 points when it has the sample's idea, in any words, and 1 when it is partly right.

Part A: Multiple choice

Quick key: 1-A 2-B 3-B 4-C 5-C 6-B 7-A 8-C

1. Correct: (A) A list of steps for a computer

A program is a list of steps. The computer follows them in order.

2. Correct: (B)

```
1  print("Hello, world!")
```

Output

```
Hello, world!
```

`print()` *shows only the text inside the quotes. The quote marks don't print.*

3. Correct: (B) Line 2

```
1  print("Ready")
2  # Wait for the bell
3  print("Go!")
```

Line 2 starts with #, so it's a comment. Python skips it.

4. Correct: (C) 4

```
1  # Team colors
2  print("Blue")
3  print()
4  print("Gold")
5  print("Go team!")
```

The comment never prints. Blue, the blank line from the empty `print()`*, Gold and Go team! make 4 lines.*

5. Correct: (C) `print("Let's go!")`

Double quotes make a matching pair around the text, so the apostrophe stays inside it.

6. Correct: (B)

```
1  print("Line up")
2  print("by the door.")
```

Output

```
Line up
by the door.
```

Each `print()` starts a new line, and Python runs the lines from top to bottom.

7. Correct: (A) It prints Snack time with no quotes

```
1  print('Snack time')
```

Single quotes make text too, as long as they're a matching pair. The quotes don't print.

8. Correct: (C) `print("Room 12 is open.")`

Only the line with both the quote marks and the period matches. Python prints the text letter for letter.

Part B: Written answers

9. Write the code that prints these three lines, in order: `Science Club`, `Meets on Monday` and `Room 8`. Write 3 lines of code.

Sample program

```
print("Science Club")
print("Meets on Monday")
print("Room 8")
```

What it prints

Output

```
Science Club
Meets on Monday
Room 8
```

Look for

- Three `print()` lines in order, each with its text inside a matching pair of quotes.
- The text matches letter for letter, with the capital letters.

Grade what the program does when it runs, not its exact lines.

10. Explain why the comment in this program never prints. Write 1 sentence.

```
# Print the snack list
print("Apples")
print("Crackers")
```

Model response

The line starts with #, so Python skips it, because a comment is a note for the people who read the code.

Look for this idea in the student's own words.