MCQ Questions on String Formatting in Python

1. 1. What will be the output of the following code?  
     
   name = "Alice"  
   print("Hello, {}".format(name))

* A) Hello, Alice
* B) Hello, {name}
* C) name
* D) Error

✅ Correct Answer: A) Hello, Alice

1. 2. Which of the following is the correct way to use `f-string` formatting?

* A) f"Name is" + name
* B) f("Name is {name}")
* C) f"Name is {name}"
* D) "Name is".f(name)

✅ Correct Answer: C) f"Name is {name}"

1. 3. What is the output of this code?  
     
   fruit = "Mango"  
   color = "Yellow"  
   msg = "The {} is {}".format(fruit, color)  
   print(msg)

* A) The Mango is Yellow
* B) The Yellow is Mango
* C) The fruit is color
* D) Error

✅ Correct Answer: A) The Mango is Yellow

1. 5. What is stored in the variable `message`?

language = "Python"  
message = f"{language} is fun"

* A) Python is fun
* B) {language} is fun
* C) language is fun
* D) Error

✅ Correct Answer: A) Python is fun

1. 6. What will be the output of this code?  
     
   subject = "Science"  
   grade = "A"  
   result = f"{subject}: Grade {grade}"  
   print(result)

* A) Grade A: Science
* B) A: Science Grade
* C) Science: Grade A
* D) Error

✅ Correct Answer: C) Science: Grade A

1. 7. Which of the following produces the output: `My age is 20`?

* A) "My age is {}".format(20)
* B) f"My age is {20}"
* C) "My age is " + str(20)
* D) All of the above

✅ Correct Answer: D) All of the above

1. 8. What will be printed by the following code?  
     
   a = "Welcome"  
   b = "User"  
   msg = "{} {}!".format(a, b)  
   print(msg)

* A) WelcomeUser!
* B) Welcome User!
* C) a b!
* D) {} {}!

✅ Correct Answer: B) Welcome User!

1. 9. What is the output of the following code?  
     
     
   country = "India"  
   capital = "Delhi"  
   sentence = f"The capital of {country} is {capital}."  
   print(sentence)

* A) The capital of Delhi is India.
* B) The capital of {country} is {capital}.
* C) The capital of India is Delhi.
* D) Error

✅ Correct Answer: C) The capital of India is Delhi.

1. 10. Which option will cause a runtime error?

* A) "{} is {}".format("One")
* B) f"{'Two'} is {'Second'}"
* C) "{} {}".format("One", "Two")
* D) "Hello {}!".format("World")

✅ Correct Answer: A) "{} is {}".format("One")