Easy Questions

1. **Which symbol is used to define a string in Python?**
   a) ' '
   b) " "
   c) ''' '''
   d) **All of the above**
   Answer: d) All of the above

2. **Which of the following functions converts a number into a string?**
   a) str()
   b) int()
   c) string()
   d) to_string()
   Answer: a) str()

3. **What will be the output of print("Python"[-3])?**
   a) h
   b) o
   c) t
   d) n
   Answer: a) h

4. **Which method is used to convert a string to uppercase in Python?**
   a) str.uppercase()
   b) string.upper()
   c) str.upper()
   d) upper(str)
   Answer: c) str.upper()

5. **Which of the following is the correct syntax to repeat a string 3 times?**
   a) "Hello" * 3
   b) "Hello" + 3
   c) 3 * "Hello"
   d) **Both a and c**
   Answer: d) Both a and c

Medium Questions

6. **What does "hello".find("l") return?**
   a) 1
   b) 2

c) 3
    d) -1
    Answer: b) 2

7. **What does "hello".replace("l", "z") return?**
    a) hezzo
    b) hezzoz
    c) hezzozo
    d) hezzzo
    Answer: a) hezzo

8. **What is the output of print("abcd"[::-1])?**
    a) abcd
    b) dcba
    c) abc
    d) Error
    Answer: b) dcba

9. **What is the output of "Python".find("th")?**
    a) 2
    b) 3
    c) 4
    d) -1
    Answer: b) 3

10. **Which function is used to split a string into a list of words?**
    a) split()
    b) partition()
    c) slice()
    d) break()
    Answer: a) split()

Hard Questions

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

```
 s = "hello"

s[0] = "H"

print(s)
```

a) Hello
 b) hello
 c) Hhllo
 d) **Error (Strings are immutable)**
 Answer: d) Error

   12.**Which of the following will remove all occurrences of 'a' in**
      "banana"?
      a) s.remove("a")
      b) s.replace("a", "")
      c) del s["a"]
      d) s.pop("a")
      Answer: b) s.replace("a", "")

   13.**Which of the following methods returns True if all characters in a**
      string are digits?
      a) isnumeric()
      b) isdigit()
      c) isdecimal()
      d) **All of the above**
      Answer: d) All of the above

   14.**What will be the output of print("123abc".isalnum())?**
      a) True
      b) False
      c) Error
      d) None
      Answer: a) True

   15.**Which of the following methods is used to remove leading and trailing**
      whitespace from a string?
      a) strip()
      b) trim()
      c) remove()
      d) rstrip()
      Answer: a) strip()