**1 What is the output of type((1,))?**  
A) <class 'int'>  
B) <class 'tuple'>  
C) <class 'list'>  
D) <class 'set'>

Ans A

**2 What will t = (1, 2, 3); t[1] = 4 do?**  
A) Changes the second element to 4  
B) Appends 4  
C) Raises TypeError  
D) No output

Ans C

3 **Which of these can be elements of a tuple?**  
A) int  
B) list  
C) another tuple  
D) All of the above

Ans D

**4 Sets allow:**  
A) Duplicate values  
B) Ordered elements  
C) Unordered unique elements  
D) Sorted elements

Ans C

5 **Which method adds a single element to a set?**  
A) add()  
B) append()  
C) insert()  
D) update()

Ans A

**6 What is the result of {1, 2, 3} & {2, 3, 4}?**  
A) {1, 4}  
B) {1, 2, 3, 4}  
C) {2, 3}  
D) Error

Ans C

7 **Which method is used to remove all elements from a set?**  
A) remove()  
B) discard()  
C) clear()  
D) delete()

Ans C

**8 Dictionary keys must be:**  
A) Unique and immutable  
B) Mutable  
C) Duplicated  
D) All of the above

Ans A

9 **Which statement adds a new key-value pair to a dictionary?**  
A) d.append("c", 3)  
B) d["c"] = 3  
C) d.add("c", 3)  
D) d.update("c", 3)

Ans C

10 What is the result of this?

d = {"x": 1}

d["x"] = d["x"] + 2

print(d)

A) {"x": 3}  
B) {"x": 2}  
C) {"x": 1}  
D) Error

Ans A