

TCET 2026 Test Series:

Questions:

Technical

Q.1) Which of the following is a mutable data type in Python?

[A] Tuple

[B] String

[C] List

[D] Dictionary

Q.2) What is the output of the following code: `print([1, 2, 3] + [4, 5, 6])`?

[A] [1, 2, 3, 4, 5, 6]

[B] [5, 7, 9]

[C] [1, 2, 3, 4, 5, 6, 7]

[D] [1, 2, 3, [4, 5, 6]]

Q.3) How do you create a tuple in Python?

[A] `tuple = []`

[B] `tuple = ()`

[C] `tuple = {}`

[D] `tuple = ||`

Q.4) Which method adds an item to the end of a list?

[A] `append()`

[B] `add()`

[C] `insert()`

[D] `extend()`

Q.5) What is the primary use of dictionaries in Python?

[A] To store ordered sequences

[B] To store key-value pairs

[C] To create immutable sequences

[D] To store unique elements

Q.6) Which of the following is used to remove duplicates from a list?

[A] `list()`

[B] `set()`

[C] `dict()`

[D] tuple()

Q.7) What will be the output of the following code: print((1, 2) * 2)?

[A] (1, 2)

[B] (1, 2, 1, 2)

[C] (2, 1)

[D] Error

Q.8) How do you access the first element of a list named my_list?

[A] my_list[0]

[B] my_list(1)

[C] my_list{1}

[D] my_list.first()

Q.9) Which of the following cannot be a key in a dictionary?

[A] Integer

[B] String

[C] List

[D] Tuple

Q.10) What is the result of len({1, 2, 3})?

[A] 2

[B] 3

[C] 4

[D] Error

Q.11) How do you remove the last item from a list?

[A] pop()

[B] delete()

[C] remove()

[D] discard()

Q.12) Which of the following statements creates an empty set?

[A] set = []

[B] set = ()

[C] set = {}

[D] set = set()

Q.13) What is the syntax to create a dictionary?

[A] dict = []

[B] dict = ()

[C] dict = {}

[D] dict = <>

Q.14) What will be the output of print({1, 2, 3} | {2, 3, 4})?

[A] {1, 2, 3}

[B] {2, 3}

[C] {1, 2, 3, 4}

[D] Error

Q.15) What method would you use to get all keys from a dictionary?

[A] keys()

[B] all_keys()

[C] get_keys()

[D] dict_keys()

Q.16) Which operator is used to check if an item exists in a list?

[A] in

[B] exists

[C] includes

[D] contains

Q.17) What will be the output of print([1, 2, 3][1:3])?

[A] [1, 2]

[B] [2, 3]

[C] [1, 2, 3]

[D] [1, 3]

Q.18) Which of the following will correctly create a list of numbers from 1 to 5?

[A] numbers = [1..5]

[B] numbers = (1, 2, 3, 4, 5)

[C] numbers = [1, 2, 3, 4, 5]

[D] numbers = {1, 2, 3, 4, 5}

Q.19) What is the function to convert a list to a set?

[A] set()

[B] list()

[C] dict()

[D] tuple()
Q.20) What is the result of dict1 = {1: 'a', 2: 'b'}; print(dict1[1])?
[A] a
[B] 'a'
[C] Error
[D] 1

TCET 2026 Test Series:

Answers:

Technical

Q.1)C Q.2)A Q.3)B Q.4)A Q.5)B Q.6)B Q.7)B Q.8)A Q.9)C Q.10)B Q.11)A Q.12)D Q.13)C Q.14)C Q.15)A
Q.16)A Q.17)B Q.18)C Q.19)A Q.20)B

TCET 2026 Test Series:

Explanations:

Technical

Q.1) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.2) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.3) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.4) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.5) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.6) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.7) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.8) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.9) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.10) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.11) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.12) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.13) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.14) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.15) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.16) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.17) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.18) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.19) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.20) Explanation:
Multiple Choice Type Question: ** Explanation not Available **

TCET 2026 Test Series:

Answers And Explanations:

Technical

Q.1) C
Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.2) A
Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.3) B
Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.4) A
Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.5) B
Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.6) B
Explanation:
Multiple Choice Type Question: ** Explanation not Available **

Q.7) B

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.8) A

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.9) C

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.10) B

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.11) A

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.12) D

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.13) C

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.14) C

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.15) A

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.16) A

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.17) B

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.18) C

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.19) A

Explanation:

Multiple Choice Type Question: ** Explanation not Available **

Q.20) B

Explanation:

Multiple Choice Type Question: ** Explanation not Available **
