TCET 2026 Test Series:

Questions:

Functions

Q.1) What keyword is used to define a function in Python?

[A] func

[B] define

[C] def

[D] function

Q.2) What does a function in Python return by default if no return statement is provided?

[A] 0

[B] None

[C] "FALSE"

[D] Empty string

Q.3) What is an argument in a function?

[A] The function name

[B] The function's input value

[C] The return statement

[D] The function's output

Q.4) What is the purpose of the return statement in a function?

[A] To stop the function

[B] To print a value

[C] To return a value to the caller

[D] To define a new function

Q.5) What are default parameters in Python?

[A] Parameters with no default value

[B] Parameters with a specified default

[C] Parameters defined using *args

[D] Parameters with type hints

Q.6) What are keyword arguments in Python?

[A] Arguments with no value

[B] Arguments with default values

[C] Arguments passed by name

[D] Arguments passed in tuples

Q.7) What does *args allow a function to do?

[A] Accept a single argument

[B] Accept multiple keyword arguments

[C] Accept a variable number of arguments

[D] Accept a single keyword argument

Q.8) What does **kwargs allow a function to do?

[A] Accept a variable number of arguments

[B] Accept multiple keyword arguments

[C] Return multiple values

[D] Modify arguments in-place

Q.9) What is a lambda function in Python?

[A] A multi-line function

[B] A function without a name

[C] A function with a return type

[D] A function with multiple parameters

Q.10) What is a recursive function?

[A] A function that calls itself

[B] A function that returns no value

[C] A function with multiple parameters

[D] A function with a default argument

Q.11) What is the main advantage of using functions?

[A] Reduces code readability

[B] Increases code duplication

[C] Promotes code reusability

[D] Increases execution time

Q.12) What is a docstring in a function?

[A] A string returned by the function

[B] A string that documents the function

[C] A string input to the function

[D] A string that prints output

Q.13) What is the purpose of the finally block?

[A] Executes only on errors

[B] Executes regardless of exceptions

[C] Skips code execution

[D] Raises an exception

Q.14) What is a generator function in Python?

[A] A function that returns a list

[B] A function that uses yield

[C] A function that returns a tuple

[D] A function that runs infinitely

Q.15) What is the purpose of the non local keyword in Python?

[A] Declares a global variable

[B] Declares a local variable

[C] Refers to a variable in an enclosing scope

[D] Refers to a function parameter

Exception Handling

Q.1) What does NameError indicate?

[A] Invalid name used

[B] Variable not defined

[C] Incorrect type

[D] Division by zero

Q.2) What is an IOError?

[A] Input/Output operation fails

[B] Invalid operation

[C] Division by zero

[D] Invalid syntax

Q.3) What does TypeError indicate?

[A] Invalid type operation

[B] Variable not defined

[C] Missing key

[D] File not found

Q.4) What type of error is raised for division by zero?

[A] TypeError

[B] ValueError

[C] ZeroDivisionError

[D] IndexError

Q.5) What type of error is raised for invalid syntax?

[A] SyntaxError

[B] NameError

[C] ValueError

[D] TypeError

Q.6) Which statement handles multiple exceptions in one block?

[A] try

[B] catch

[C] except

[D] finally

Q.7) What is the purpose of the else block in exception handling?

[A] Executes only if an exception occurs

[B] Executes if no exception occurs

[C] Handles exceptions

[D] Raises an exception

Q.8) What is the purpose of the assert statement?

[A] To raise a custom exception

[B] To debug code

[C] To define a function

[D] To catch exceptions

Q.9) What kind of error is a KeyError?

[A] Raised when a key is missing

[B] Raised for invalid types

[C] Raised for missing variables

[D] Raised for syntax errors

Q.10) What does try-except help with?

[A] Debugging

[B] Error handling

[C] Code optimization

[D] Function creation

Object Oriented Programming

Q.1) What does OOP stand for?

[A] Object-Oriented Programming

[B] Objective-Oriented Programming

[C] Object-Oriented Process

[D] Object-Operational Programming

Q.2) Which keyword is used to define a class in Python?

[A] def

[B] class

[C] object

[D] func

Q.3) What is an object in OOP?

[A] A function

[B] A data type

[C] An instance of a class

[D] A keyword

Q.4) What is encapsulation in OOP?

[A] Protecting properties of class

[B] Inheriting properties

[C] Having multiple forms

[D] Breaking code into functions

Q.5) What is inheritance in OOP?

[A] Creating objects

[B] Deriving a class from another class

[C] Hiding data

[D] Binding data together

Q.6) What is polymorphism in OOP?

[A] Having multiple constructors

[B] Having multiple forms

[C] Binding data with methods

[D] Creating objects

Q.7) What is the purpose of the __init__ method in Python?

[A] Deletes an object

[B] Initializes an object

[C] Hides data

[D] Inherits properties

Q.8) Which keyword is used to create an object in Python?

[A] new

[B] create

[C] self

[D] No keyword is needed

Q.9) What is abstraction in OOP?

[A] Showing only essential details

[B] Deriving a new class

[C] Having multiple functions

[D] Binding data and methods

Q.10) What is a class?

[A] A function

[B] A blueprint for objects

[C] An instance of an object

[D] A variable

Q.11) What does the self keyword represent?

[A] The class name

[B] The instance of the class

[C] A global variable

[D] A static method

Q.12) What is a method in a class?

[A] A variable

[B] A function defined in a class

[C] A class property

[D] A keyword

Q.13) What is a constructor in OOP?

[A] A method that creates objects

[B] A method that initializes objects

[C] A method that deletes objects

[D] A function

Q.14) What is a destructor in OOP?

[A] A method that initializes objects

[B] A method that deletes objects

[C] A method that creates objects

[D] A class property

Q.15) How do you declare a private attribute in Python?

[A] Using a single underscore _var

[B] Using double underscores __var

[C] Using triple underscores ___var

[D] Using no underscore

Q.16) What is multiple inheritance?

[A] Inheriting from one class

[B] Inheriting from two or more classes

[C] Inheriting the same class multiple times

[D] Inheriting from an abstract class

Q.17) What is method overloading?

[A] Defining methods with the same name

[B] Overriding a method in a subclass

[C] Defining multiple constructors

[D] Creating new objects

Q.18) What does the @property decorator do?

[A] Declares a private method

[B] Declares a read-only property

[C] Declares a static method

[D] Declares an abstract method

Q.19) What is an instance variable?

[A] A variable defined inside a method

[B] A variable defined for the class

[C] A variable unique to each object

[D] A variable defined outside the class

Q.20) What is a mixin in Python?

[A] A method

[B] A design pattern

[C] A type of class

[D] A function

Q.21) What is duck typing in Python?

[A] Checking type of a variable

[B] Checking behavior rather than type

[C] A type of inheritance

[D] A type of abstraction

Q.22) What is the purpose of the __str__ method?

[A] Convert the object to a string

[B] Delete the object

[C] Initialize the object

[D] Copy the object

Q.23) What is the purpose of the __del__ method?

[A] Initializes an object

[B] Deletes an object

[C] Creates an object

[D] Copies an object

Q.24) What is an abstract class?

[A] A class with no methods

[B] A class that cannot be instantiated

[C] A class with static methods

[D] A class with only private variables

Q.25) Which keyword is used to inherit a class?

[A] super

[B] self

[C] inherit

[D] None of the above

TCET 2026 Test Series:

Functions

Q.1)C   Q.2)B   Q.3)B   Q.4)C   Q.5)B   Q.6)C   Q.7)C   Q.8)B   Q.9)B   Q.10)A   Q.11)C   Q.12)B   Q.13)B   Q.14)B   Q.15)C

Exception Handling

Q.1)B   Q.2)A   Q.3)A   Q.4)C   Q.5)A   Q.6)C   Q.7)B   Q.8)B   Q.9)A   Q.10)B

Object Oriented Programming

Q.1)A   Q.2)B   Q.3)C   Q.4)A   Q.5)B   Q.6)B   Q.7)B   Q.8)D   Q.9)A   Q.10)B   Q.11)B   Q.12)B   Q.13)B   Q.14)B   Q.15)B
Q.16)B   Q.17)A   Q.18)B   Q.19)C   Q.20)C   Q.21)B   Q.22)A   Q.23)B   Q.24)B   Q.25)D

TCET 2026 Test Series:

Explanations:

Functions

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 **

Exception Handling

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 **

Object Oriented Programming

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 **

Q.21) Explanation:

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

Q.22) Explanation:

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

Q.23) Explanation:

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

Q.24) Explanation:

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

Q.25) Explanation:

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

TCET 2026 Test Series:

Answers And Explanations:

Functions

Q.1) C

Explanation:

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

Q.2) B

Explanation:

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

Q.3) B

Explanation:

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

Q.4) C

Explanation:

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

Q.5) B

Explanation:

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

Q.6) C

Explanation:

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

Q.7) C

Explanation:

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

Q.8) B

Explanation:

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

Q.9) B

Explanation:

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

Q.10) A

Explanation:

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

Q.11) C

Explanation:

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

Q.12) B

Explanation:

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

Q.13) B

Explanation:

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

Q.14) B

Explanation:

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

Q.15) C

Explanation:

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

Exception Handling

Q.1) B

Explanation:

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

Q.2) A

Explanation:

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

Q.3) A

Explanation:

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

Q.4) C

Explanation:

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

Q.5) A

Explanation:

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

Q.6) C

Explanation:

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

Q.7) B

Explanation:

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

Q.8) B

Explanation:

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

Q.9) A

Explanation:

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

Q.10) B

Explanation:

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

Object Oriented Programming

Q.1) A

Explanation:

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

Q.2) B

Explanation:

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

Q.3) C

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) D

Explanation:

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

Q.9) A

Explanation:

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

Q.10) B

Explanation:

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

Q.11) B

Explanation:

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

Q.12) B

Explanation:

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

Q.13) B

Explanation:

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

Q.14) B

Explanation:

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

Q.15) B

Explanation:

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

Q.16) B

Explanation:

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

Q.17) A

Explanation:

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

Q.18) B

Explanation:

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

Q.19) C

Explanation:

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

Q.20) C

Explanation:

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

Q.21) B

Explanation:

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

Q.22) A

Explanation:

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

Q.23) B

Explanation:

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

Q.24) B

Explanation:

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

Q.25) D

Explanation:

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