
Python Important Questions:

Long Questions:

Q:-1 Attempt the followings:- [Any Two]

1. Difference between C, Java, and Python.
 2. Explain data types in Python.
 3. Explain Memory Management in Python.
 4. Explain flavours of Python in detail.
 5. Explain operators in Python in detail.
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Q:-2 Attempt the followings:- [Any Two]

1. Explain Slicing and Processing with example.
 2. What is Function? Explain pass by object reference.
 3. What is Looping? Explain While Loop with example.
 4. Explain functions in Python with example in detail.
 5. Explain module in Python with example in detail.
 6. Explain array in Python with operations and example in detail.
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Q:-3 Attempt the followings:- [Any Two]

1. What is Tuple? Explain Creating and accessing Tuple Elements.
 2. What is File? Explain Create, Reading and Writing in File.
 3. What is Class? Explain Creation of Class and Object.
 4. Explain inheritance with example in detail.
 5. Explain list with all operations, methods, and example in Python.
 6. Explain constructor with example in detail.
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Python Important Questions:

Q:-4 Attempt the followings:- [Any Two]

1. Write a Python Program to display the Fibonacci series.
 2. Write a Python Program to create a sequence of numbers using range data type to display 1 to 30, with an increment of 2. (With Output)
 3. Explain exception and exception handling with example in detail.
 4. Explain command line arguments with example in detail.
 5. Write a Python program to insert a row in a table in MySQL database.
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Short Questions:

Q:-5 Answer the following:

1. What is interpreter?
2. Why Python is called a high-level language?
3. What is list?
4. What is garbage collection in Python?
5. What is PVM?
6. What is indentation in Python?
7. How can we create an array in Python?
8. Which keyword is used to define a function in Python?
9. What is the use of a module in Python?
10. List out conditional statements used in Python.
11. What is default argument?
12. What is tuple?
13. What is frozenset?

Python Important Questions:

14. What is polymorphism?
 15. What is the use of `__init__()`?
 16. What is encapsulation?

 17. What is the use of the `self` parameter?
 18. What is exception?
 19. What is MySQL?
 20. What is the use of the standard library in Python?
 21. Can we handle any kind of exception in Python? (True/False)
 22. What is wildcard in Python?
 23. Explain features of Python.
 24. What is Python Lambda? Provide an example.
 25. What is Inheritance? Explain Single Inheritance.
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