

Python Question Paper

- Q1. Explain the differences between lists, tuples, and dictionaries in Python. (5 Marks)
- Q2. Write a Python program to check if a number is prime. (5 Marks)
- Q3. What is list comprehension? Provide examples. (5 Marks)
- Q4. Discuss the concept of Python decorators. (5 Marks)
- Q5. Explain the use of lambda functions in Python. (5 Marks)
- Q6. Describe exception handling in Python with examples. (5 Marks)
- Q7. What are Python modules and packages? (5 Marks)
- Q8. Explain the difference between deep copy and shallow copy. (5 Marks)
- Q9. Discuss the different data types in Python. (5 Marks)
- Q10. Explain the use of the 'with' statement in Python. (5 Marks)
- Q11. Write a program to generate Fibonacci series using recursion. (5 Marks)
- Q12. What is the purpose of the self keyword in Python? (5 Marks)
- Q13. Explain Python's memory management. (5 Marks)
- Q14. How is inheritance implemented in Python? (5 Marks)
- Q15. Describe the difference between is and == in Python. (5 Marks)
- Q16. What are Python generators and how do they work? (5 Marks)