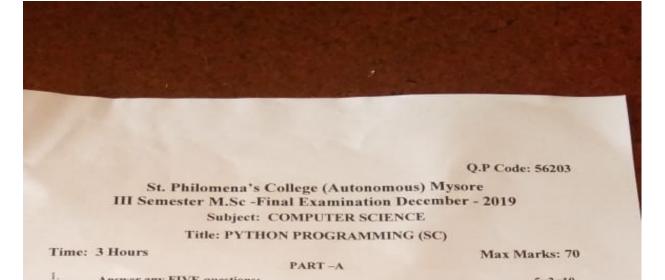
| St. Philomena's College (Autonomous), Mysore PG Department OF COMPUTER SCIENCE | | | | |
|---|----------|---|------|-----------|
| | | Question Bank (Revised Curriculum 2018 onwa | rds) | |
| Cours | se Title | Second Year- Third Semester (2019 -21 Batcl e (Paper Title): PYTHON PROGAMMING(SC) | / | le: 56203 |
| Unit | | Question | | Marks |
| 1 | 1. | Define literals. Give example | | 2 |
| 1 | 2. | What is // operator? | | 2 |
| 1 | 3. | What is id () method in python? | | 2 |
| 1 | 4. | What is chr () and ord() In python? | | 2 |
| 1 | 5. | Define string literal? | | 2 |
| 1 | 6. | Define integer literal? | | 2 |
| 1 | 7. | Illustrate format method (). | | 2 |
| 1 | 8. | Explain membership operator. | | 2 |
| 1 | 9. | Write a simple program to compare 2 variables. | | 2 |
| 2 | 10. | Define a list. | | 2 |
| 2 | 11. | Define a tuple. | | 2 |
| 2 | 12. | Define dictionary. | | 2 |
| 2 | 13. | What is match () method in regular expression? | | 2 |
| 2 | 14. | What is search () method in regular expression? | | 2 |
| 2 | 15. | What is findall () method in regular expression? | | 2 |
| 3 | 16. | What is init () method in python? | | 2 |
| 3 | 17. | Illustrate the use of super () keyword. | | 2 |
| 3 | 18. | Mention the representation of access specifiers In python | | 2 |
| 3 | 19. | Define encapsulation in python. | | 2 |
| 4 | 20. | What is exception handling? | | 2 |
| 4 | 21. | Define a thread. | | 2 |
| 4 | 22. | What is a socket? | | 2 |
| 4 | 23. | What is exception handling? | | 2 |
| 4 | 24. | Define a thread. | | 2 |
| 4 | 25. | What is a socket? | | 2 |
| 1 | 26. | Explain functions with parameters and with return value | | 5 |
| 1 | 20. | Explain functions with parameters and with feturn value | | 5 |

| 1 28. Write a program to convert Fahrenheit to Celsius 5 1 29. Explain functions with parameters and without return value 5 1 30. Explain while loop in python 5 2 31. Write a program to implement dictionary and its key 5 2 32. Write a program to sort a list using bubble sort 5 2 33. Write a program to implement recursion 5 3 34. Explain inheritance with example 5 3 35. Implement init()method 5 3 36. Implementsuperkey(). 5 3 37. What are get and set methods 5 3 37. What are get and set methods 5 3 38. Illustrate the differences between object oriented and function oriented programming 5 4 40. Explain methods in client side programming 5 1 42. Explain functions without parameters and with return value 7 1 42. Explain functions without parameters and with return value 7 1 42. Explain function | 1 | 27. | Write a program to convert Celsius to Fahrenheit | 5 |
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| 356.Explain multiple inheritance with example10357.Illustrate operator overloading with example10 | 3 | 54. | Implement data encapsulation | 10 |
| 3 57. Illustrate operator overloading with example 10 | 3 | 55. | Explain multilevel inheritance with example | 10 |
| | | | Evaloin multiple inhoritance with example | 10 |
| 358.What is method overridding? explain10 | 3 | 56. | | 10 |
| | | | | |

| 4 | 59. | Explain multithreading | 10 |
|---|-----|---|----|
| 4 | 60. | Describe client side program in socket programming | 10 |
| 4 | 61. | Implement server side program in socket programming | 10 |
| | | | |
| 1 | 62. | Explain and illustrate different types of for loops in python | 15 |
| 1 | 63. | Write a note on conditional statements in python with example | 15 |
| 2 | 64. | Explain different flags in regular expression | 15 |
| 2 | 65. | Explain any 5 meta character with example in regular expression | 15 |
| 2 | 66. | Write a note on methods in list | 15 |
| 2 | 67. | Explain methods in tuple | 15 |
| 2 | 68. | What are the methods in dictionary | 15 |
| 4 | 69. | Explain read, readline, readlines, write, writelines methods in python | 15 |
| 4 | 70. | Write a program to write student details into a new file by reading data from other two files | 15 |
| 4 | 71. | Explain DML and DDL in DBMS | 15 |

MODEL QUESTION PAPER



| | Module - 3 | |
|---------------|---|----|
| 6. a | a python program to implement data encapsulation and explain | 07 |
| b | Write a python program to implement multiple inheritance and explain | 08 |
| - | OR | |
| 7. a. | a python program to implement multilevel inheritance and explain. | 07 |
| b. | Write a python program to implement method overriding and explain | 08 |
| | Module - 4 | |
| 8 <u>.</u> a. | Write TCP client program and explain | 08 |
| b. | Write a simple program to implement multithreading in python. [3 threads] | 07 |
| | OR | |
|). а. | Write TCP server program in python and explain. | 08 |
| b. | Define the following operations in DBMS with syntax and example. | 07 |
| | i) Create | |
| | ii) Retrieve | |
| | iii) Insert | |
| | | |

MODEL QUESTION PAPER

| Paper: Python Pro | ogramming (SC) |
|-------------------|----------------|
|-------------------|----------------|

QP CODE :56203 Max. Marks:70

| Duration :3hrs N | | lax. Marks:70 | |
|------------------|----|--|------------|
| 1 | An | swer any five of the following | 5*2=10 |
| а | De | fine literals. Give example | |
| b | W | hat is // operator? | |
| С | W | hat is id () method in python? | |
| d | De | fine a list. | |
| е | De | fine a tuple. | |
| f | Me | ention the representation of access specifiers In python | |
| g | WI | hat is a socket? | |
| | An | swer any one full question from each module | 15*4=60 |
| | | Module 1 | |
| 2 | а | Explain functions with parameters and with return value | |
| | b | Write a program to convert Celsius to Fahrenheit | 5+5+5 |
| | с | Write a program to convert Fahrenheit to Celsius | |
| | | OR | |
| 3 | а | Explain functions without parameters and with return value | 7.0 |
| | b | Write a python program to generate Fibonacci series | 7+8 |
| | | Module -2 | |
| 4 | а | Write a program to implement dictionary and its key | |
| | b | Write a program to sort a list using bubble sort | 5+5+5 |
| | С | Write a program to implement recursion | |
| | | OR | |
| 5 | а | Explain different flags in regular expression | 15 |
| | | Module-3 | |
| 6 | а | Implement init()method | 5+10 |
| | b | Explain multilevel inheritance with example | 5+10 |
| | | OR | |
| 7 | а | What are get and set methods | 5+10 |
| | b | Illustrate operator overloading with example | 3+10 |
| | | Module-4 | |
| 8 | а | Illustrate exception handling | |
| | b | Explain methods in client side programming | 5+5+5 |
| | С | Explain methods in server-side program | |
| | | OR | |
| 9 | а | Write a program to write student details into a new file by read | ling 15 |
| ש | a | data from other two files | |
| | | | |