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IV Semester B.C.A. 6 (NEP) Degree Examination, August/September - 2024

PYTHON PROGRAMMING**(Regular/Repeater)****Time : 2 Hours****Maximum Marks : 60****Instructions to Candidates :**

1. All sections are compulsory.
2. Give syntax and example wherever necessary.

SECTION - AAnswer any **TEN** questions.**(10×2=20)**

1. Mention any four features of python.
2. What are IOE's in python?
3. Define exception. Give example.
4. Define function. Mention types of function.
5. What is command line argument? Give example.
6. Mention types of files in python.
7. What are lists? Give syntax.
8. What are pandas and series in python?
9. Define Numpy? Give syntax.
10. What is Escape sequence in python? Give example.
11. List any **Two** differences between Lists and Dictionaries.
12. Mention methods of Tkinter.

SECTION - BAnswer any **FOUR** questions.**(4×5=20)**

13. Explain for Loop and While loop with program.
14. With an example explain try-except and finally blocks.
15. Define Tuple. Give example for create update and delete operations.
16. Write a program to create parent class and child class using inheritance.
17. Write a short note on Numpy.

[P.T.O.]



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SECTION - CAnswer any **TWO** questions.

(2×10=20)

18. Mention types of operators. Explain any four operators with example.
 19. Explain operations on strings with program example.
 20. a) Write a short note on file. (5)
b) Write a program for line chart. (5)
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