Government College (A), Rajahmundry

Curriculum 2023-24 Version 1.0

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

(Accredited by NAAC "A+" Grade)

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

I B.Sc.(Hons) AI :: Semester-II
PYTHON FOR DATA SCIENCE
MODEL OUESTION PAPER (W.E.F 2023-2024)

Time: 2 ½ Hrs. Max Marks: 50 M

SECTION - A

Answer any FIVE Questions

 $5 \times 3 = 15M$

- 1. Write a program using continue.
- 2. Write a short note on type conversion.
- 3. Write a short note on the return statement.
- 4. How to make your own modules.
- 5. Explain set operations.
- 6. Explain any three-character handling functions.
- 7. What are the objects in pandas?
- 8. How to get Series values in pandas?

SECTION - B

Answer following question

5 X 7 = 35M

9. Explain about Operators in Python with examples.

(OR)

- 10. Explain about conditional branching statements in python.
- 11. Write a program to find factorial of a number using recursion

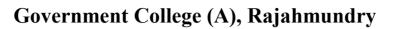
(OR)

- 12. Explain about packages in python.
- 13. Explain about basic list operations.

(OR)

- 14. What is tuple? Explain various tuple operations.
- 15. Explain about Types of Inheritance in Python.

(OR)





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- 16. Explain about Different types of exceptions in python
- 17. Explain about Pandas data frame.

(OR)

18. What is a Univariate plot? Explain the Python histogram plotting?