

# Government College (Autonomous) Rajahmundry

Curriculum 2023-24



Version: 1.0

|   |    |    |    |        |
|---|----|----|----|--------|
| 4 | IV | 1  | 2  | 18.75% |
| 5 | V  | 1  | 2  | 18.75% |
|   |    | 24 | 70 |        |

## GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

(Accredited by NAAC "A+" Grade)

### DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

II B.Sc.

Semester-III

#### Computer Organization

MODEL QUESTION PAPER (W.E.F 2023-2024)

Time: 2 ½ Hrs.

Max Marks: 50 M

#### SECTION - I

Answer any FIVE questions

5 X 3= 15M

1. Write a short note on Instruction Cycle.
2. Write a short note on interrupts.
3. Write a short note on address sequencing.
4. Write a short note on memory hierarchy.
5. Write a short note on memory hierarchy.
6. Write a short note on Main memory.
7. Write a short note on peripheral devices.
8. Write a short note Instruction pipe line.

#### SECTION - II

Answer the following questions

5 X 7 = 35M

9. Explain about Arithmetic Logic Shift Unit.  
(OR)
10. Explain about Memory reference instructions.
11. Explain about addressing modes.  
(OR)
12. Explain about control memory.



13. Explain about cache memory and mappings.  
(OR)
14. Explain about Associative memory.
15. Explain about Asynchronous data transfer modes.  
(OR)
16. Explain about Priority Interrupt.
17. Explain about Multiplication and division algorithms.  
(OR)
18. Explain about Addition and Subtraction algorithm.