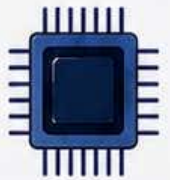
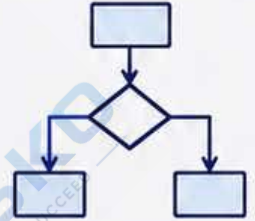


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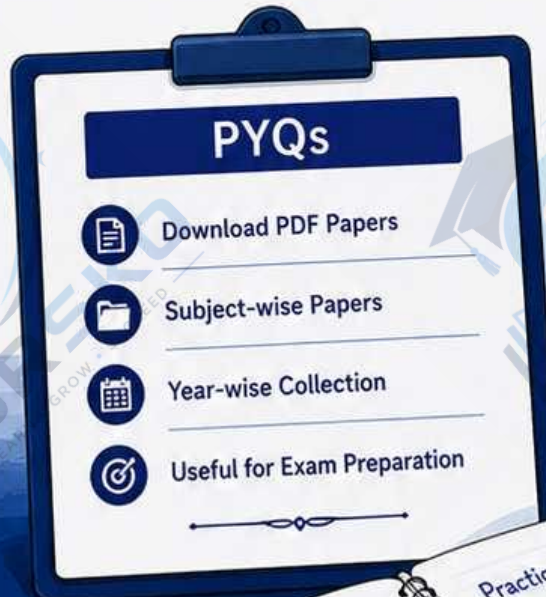
PYQs

(Previous Year Questions)

Access and practice previous year
university question papers.



10110
01001
10101



112202/109202/110202/134202/123202/135202 Computer Science / Computer Application (R/V) / Data Analytics / Information Technology / Data Science and Analytics - Programming with C

P. Pages : 1

Time : Two Hours



AJ - 4827

Max. Marks : 30

- Notes :
1. All questions are compulsory.
 2. Draw neat diagrams wherever necessary.
 3. Assume suitable data wherever necessary.
 4. Illustrate your answer with the help of neat sketches wherever necessary.

1. Write answers in one or two lines solve **any six**. 6
 - i) What is algorithm?
 - ii) What is variable?
 - iii) What is Keywords?
 - iv) What is operators?
 - v) What is branching?
 - vi) What is function?
 - vii) What is local variable?
 - viii) What is function's call by value?
2. Answers in short **any two** of the following (3 marks each.) 6
 - a) Explain the type of programming languages.
 - b) Explain the structure of C program.
 - c) What are Constants and Variables? Explain.
 - d) What is operator? Explain logical and relational operator with example.
3. Explain in detail **any one** of the following. 6
 - a) What is formatted input statement? Explain scanf() statement with suitable example.
 - b) Explain if and if-else branching statement with suitable example.
4. Answer in short **any two** of the following (3 marks each.) 6
 - a) What is array? Explain the declaration and initialization of one dimensional array.
 - b) What is structure? Explain the declaration and initialization of structure.
 - c) What is union? Explain the accessing of its members with suitable example.
 - d) What is pointer? Explain declaration and initialization with suitable example.
5. Explain in detail **any one** of the following 6
 - a) What is function? Explain the defining and declaration of function with suitable example.
 - b) What is function recursion? Write a program to demonstrate the use of function recursion
