

## **QUESTION BANK**

**SUBJECT: Introduction to Programming Using C**

**CLASS: BCA 1<sup>st</sup> SEMESTER**

- Q1. Define C Language, its features and also discuss its advantages and disadvantages.
- Q2. What are identifiers and keywords? What are variables and constants? Explain it with suitable examples .
- Q3. What is data types and explain their types.
- Q4. What are different types of operators in C? What is meant by operator precedence?
- Q5. What is Decision Control Structure in C Language? Explain in detail with suitable examples.
- Q6. What is Storage Classes in C? Explain with suitable examples.
- Q7. What is array? Explain different types of array in C.
- Q8. Write a program on Matrix Addition or Matrix Multiplication.
- Q9. Explain in detail Functions in C? What is the difference between call by value and call by reference method?
- Q10. What are Recursive Functions? Write a Factorial program with the use of recursive function.
- Q11. What is Pointers in C Language? Explain with examples.
- Q12. What is Pointer Arithmetic?
- Q13. What is Structure in C? What are nested Structure? What is the difference between structures and union?
- Q14. What is File? Explain File Handling in C with examples.

Q15. What is Pre-Processor Directive? Explain its types.

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