**QUESTION BANK**

**UNIT-1**

**1. What is digital computer? Draw block diagram of digital computer and explain each components of it.**

**Or**

**What are the components of a computer system?**

**2. Explain memory hierarchical structure of a computer system.**

**3. Describe input output devices.**

**4. Describe Processor.**

**5. What is operating system? Explain various types of functions performed by an operating system.**

**6. Describe compiler interpreter and assembler. Write the names of compiler thar are used in C programming.**

**7. Describe Loader and Linker.**

**8. Explain Algorithm and its properties.**

**9.What is Flow chart?Draw a flowchart to find the factorial of the given number.**

**UNIT-2**

**1: What are the different types of operator?**

**2: Discuss type conversion in C.**

**3: Difference between type conversion and type casting.**

**4. What are the escape sequence characters?**

**5. Short note on Operator precedence and Associativity.**

**6. WAP in C to find greatest number among three numbers using conditional operator.**

**7. Describe conditional control statements in details.**

**8. WAP to check whether the given character is in upper case, lower case or non alphabetic character.**

**9. WAP to calculate the division obtained by the student.**

**10. WAP to determine whether the given year is leap year or not.**

**11. WAP to obtain the reverse number and to determine whether the original and reversed numbers are equal or not.**

**12. Describe the function of default and break in switch statement.**

**13. WAP to print all prime numbers from 1 to 100.**