

**IEC College of Engineering and Technology, Greater Noida**  
**DEPARTMENT OF APPLIED SCIENCE**  
**SECTION-B**

## **Assignment Unit 2**

**Submission Date- 29-06-2022**

### **Notes-Attempt any 10 questions.**

1. Define the term mixed operands in an arithmetic expression with few examples. Write a program in C to elaborate the use of type casting.
2. Explain the use of default in switch statement. Write a program that takes two operands and one operator from the user and perform the operation and prints the result by using switch statement.
3. Differentiate operator precedence and associativity. Write a program in C to elaborate the use of logical AND and logical OR operators in C.
4. Differentiate assignment and equality operators in C.
5. Correlate else if ladder and switch case statement.
6. Explain different type of control statements used in c programming with example.
7. Write a program to find out the greatest number out of three numbers.
8. What do you mean by Operands? Discuss the operator precedence and associativity of all the operators.
9. Define all Arithmetic operators.
10. Explain the need of break in switch statement with example.
11. If three sides of triangle are input through keyboard, draw a flowchart to check whether a triangle is isosceles, equilateral, scalene or right-angled triangle. Also write a program in C for the same.
12. What are different conditional statements in C programming? Explain with proper example of each.
13. What are operators? Mention different types of operators in C. Explain the difference between operator precedence and associativity with suitable example.
14. Differentiate between implicit & Explicit type conversion.
15. What do you understand by mixed operands? Explain with example.
16. Explain various types of arithmetic operators in C language with help of example. When precedence of two operators in an arithmetic expression is same, how associativity helps in identifying which operator will be evaluated first. Illustrate it with the example.

17. What is case control structure in C.? What is the reason for using break statement at the end of each case in case control block?
18. What do you mean by precedence and associativity while solving some arithmetic expressions?
19. How to use break statement in C? Explain with some sort of code.