

BACHELOR OF TECHNOLOGY (CBCS - 2023)
B. Tech. Sem-II INFORMATION TECHNOLOGY : SUMMER : 2025
SUBJECT: OBJECT ORIENTED PROGRAMMING

Day : Tuesday
Date : 03/06/2025

S-27746-2025

Time : 10.00 AM-01:00 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Assume suitable data **WHEREVER** necessary.
- 4) Draw neat diagrams **WHEREVER** necessary.

Q.1 List and explain the features of object-oriented programming languages. (10)

OR

Q.1 Explain directives and list necessary directives with functions for basic programs. (10)

Q.2 Explain the working of inline function using suitable example. (10)

OR

Q.2 Explain static functions with its unique features. (10)

Q.3 Discuss manipulation of string using operators. (10)

OR

Q.3 Discuss the rules for overloading operators. (10)

Q.4 Explain inheritance with its types. (10)

OR

Q.4 Explain virtual base class with suitable example. (10)

Q.5 Explain Stream classes for formatted and unformatted I/O operations. (10)

OR

Q.5 Explain random access method to update a file. (10)

Q.6 Explain overloading template functions with suitable example. (10)

OR

Q.6 Explain Types of C++ Exception with suitable example. (10)
