

BACHELOR OF TECHNOLOGY (CBCS - 2023)
B. Tech. Sem-II INFORMATION TECHNOLOGY : SUMMER : 2024
SUBJECT: OBJECT ORIENTED PROGRAMMING

Day : Monday
Date : 03/06/2024

S-27746-2024

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) Use of **CALCULATOR** is allowed.
- 4) Draw neat and labeled diagrams **WHEREVER** necessary.

- Q.1 Discuss the working of bottom-up approach with its advantages. (10)
- OR
- Q.1 Explain different decision structure approaches in C++. (10)
- Q.2 Demonstrate implementation of class with suitable example. (10)
- OR
- Q.2 Explain the working of friend function using suitable example. (10)
- Q.3 Explain the rules of overloading operators. (10)
- OR
- Q.3 Define array initialization in various ways and give suitable example (10)
- Q.4 Explain the use of this pointer with suitable example. (10)
- OR
- Q.4 Explain object pointers with suitable example. (10)
- Q.5 Explain sequential input output operations. (10)
- OR
- Q.5 Explain various file operations with suitable example. (10)
- Q.6 Explain members function templates with suitable example (10)
- OR
- Q.6 Explain overloading template functions with suitable example. (10)

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