Seat Number: - _____

Duration: 2¹/² Hrs   G218A23OOP   Marks: - 75

Note: - 1) All questions are compulsory.
2) Figures to the right indicate maximum marks.

Q1) Attempt any 3 questions.   **15M**

1)	Explain data type in detail.	CO1 (U)
2)	What is operator and explain.	CO1 (R)
3)	What is identifier? Explain in detail.	CO1 (R)
4)	Explain Conditional Statement.	CO1 (U)
5)	What is Array? Explain.	CO1 (R)
6)	WAP to accept number and print factors of the number.	CO1 (A)

Q2) Attempt any 3 questions.   **15M**

1)	Write short note on function.	CO2 (R)
2)	Write difference between pop & oop.	CO2 (R)
3)	Explain constructor and destructor.	CO2 (U)
4)	Explain type of constructor.	CO2 (U)
5)	WAP to calculate simple Interest using function.	CO2 (A)
6)	WAP to demonstrate Class (Employee).	CO2 (A)

Q3) Attempt any 3 questions.   **15M**

1)	Explain Inheritance.	CO3 (U)
2)	What is pointer?	CO3 (R)
3)	Difference between static binding and dynamic binding.	CO3 (R)
4)	Demonstrate pointer using Example.	CO3 (A)
5)	Explain string function.	CO3 (U)
6)	WAP to demonstrate Hierarchical Inheritance.	CO3 (A)

Q4) Attempt any 3 questions.   **15M**

1)	Explain file Handling.	CO4 (U)
2)	What is Exception Handling?	CO4 (R)
3)	Explain Try catch Block.	CO4 (U)
4)	WAP to demonstrate open and close fie.	CO4 (A)
5)	WAP to count numbers of characters.	CO4 (A)
6)	Demonstrate Binary File.	CO4 (A)

Q5) Attempt any 3 questions.   **15M**

1)	Explain template.	CO5 (U)
2)	Explain predefine function.	CO5 (U)
3)	WAP to accept a number and cheek it is prime number.	CO5 (A)
4)	Write short note on Abstraction.	CO5 (R)
5)	WAP to accept array elements and Print Sum.	CO5 (A)
6)	Explain Conditional Ternary operator.	CO5 (U)