Duration: 2¹ᐟ² 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)	Write a short note on operators.	CO1 (R)
2)	Explain Iteration statement.	CO1 (U)
3)	Write short note switch case.	CO1 (R)
4)	Explain Structure.	CO1 (U)
5)	WAP to accept number and check it is Even or Odd.	CO1 (A)
6)	WAP to accept number and check it is prime number or not.	CO1 (A)

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

1)	Explain function in details.	CO2 (U)
2)	Explain types of constructor.	CO2 (U)
3)	Write short note classes and object.	CO2 (R)
4)	Explain OOP's concept.	CO2 (U)
5)	WAP to create student class to accept display student details.	CO2 (A)
6)	WAP to calculate area of circle using function.	CO2 (A)

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

7)	Write short note on Inheritance.	CO3 (R)
1)	Explain static Binding.	CO3 (U)
2)	Explain Pointers in details.	CO3 (U)
3)	Explain character function.	CO3 (U)
4)	WAP to demonstrate multilevel Inheritance.	CO3 (A)
5)	Give example of pointer.	CO3 (R)

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

1)	What is file Handling?	CO4 (R)
2)	Write Short note on Exception Handling.	CO4 (R)
3)	Explain Deadlock.	CO4 (U)
4)	WAP to count number of space for file.	CO4 (A)
5)	WAP to demonstrate open and close function using Binary file.	CO4 (A)
6)	WAP to count words from fie.	CO4 (A)

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

1)	Write short note on Template.	CO5 (R)
2)	Explain Encapsulation.	CO5 (U)
3)	Explain user define function in detail.	CO5 (U)
4)	WAP to Transpose Array.	CO5 (A)
5)	WAP to Explain fall through.	CO5 (A)
6)	WAP to execute function with return type.	CO5 (A)