School of Basic Sciences
Bachelor of Science Honours in Physics
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem IV - R1UC420B - Object Oriented Programming

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1)	list OOPS principles.	K2 (2)
2)	what do you mean by method overloading?	K1 (3)
3)	Write a program to display the student name, roll no and age of a student using class and object concept.	K2 (4)
4)	Compare and contrast procedural programming with object-oriented programming paradigms.	K2 (6)
5)	Describe the structure of Java program.	K3 (6)
6)	Explain Stream Classes with examples.	K3 (9)
7)	Write any four methods of file class with their use.	K4 (8)
8)	Explain inheritance and polymorphism features of Java.	K4 (12)

OR

	What is the multiple inheritance ? Write a java program to implement multiple inheritance.	K4 (12)