Program:	**F.Y.B.Sc IT**	**Semester:**	**II**	**Program Code:**	**UGIT01**
Course:	**Programming with C++ using OOP**			**Course Code:**	**NUIT201**

Duration: 1 Hour **Examination Pattern:** NEP Autonomous External **Max. Marks:** 30

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Draw neat diagrams wherever necessary.

Examination:

REGULAR

Q. 1		Attempt any THREE of the following.	[15]	Course Outcome	Knowledge Level
	(a)	Apply the scope resolution concept with suitable program.		CO1	L1
	(b)	Write a short note on dynamic binding.		CO1	L2
	(c)	Analyze Constructors and Destructors		CO3	L3
	(d)	How to define member functions inside and outside class?		CO2	L4
	(e)	Write a program in C++ to define the object array concepts.		CO4	L5
Q. 2		**Attempt any THREE of the following.**	**[15]**	**Course Outcome**	**Knowledge Level**
	(a)	Apply the types of operator overloading.		CO5	L1
	(b)	Analyze the need of virtual functions.		CO6	L2
	(c)	Define the modes of files used in C++.		CO6	L3
	(d)	Apply exception handling with example		CO7	L4
	(e)	Describe command line arguments.		CO8	L5

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