[5152]-575

SE	(I-c			
~	(Information	Technology)	(First	Samastar)
DDO	EXA	MINATION. 2	017	Semester)

PROBLEM SOLVING AND OBJECT ORIENTED

PROGRAMMING CONCEPTS

(2015 PATTERN)

Time : Tr	wo House
	Maximum Marks : 50
N.D	i) Answer Q. No. 1 or Q. No. 2, Q. No. 3 or Q. No. 4,
	Q. No. 5 or Q. No. 6, Q. No. 7 or Q. No. 8.
(i	i) Neat diagrams must be drawn wherever necessary.
(ii	i) Figures to the right indicate full marks.
(i)	v) Assume suitable data, if necessary.
1. (a)	What are different types of operators ? Give hierarchy/
	precedence of operators. [6]
(b)	Explain the concept of local variable and global variable with
(0)	suitable example. [6]
	Or
0 (~)	What are the six steps of problem solving? [6]
(b)	Explain "Top-down design" to solve the problem.
	Write an algorithm for finding maximum element of an
3. (a)	Write an algorithm for many [4]
	array. [4]
(b)	Define the terms polymorphism, data abstraction. [4] Explain various features of Object Oriented Programming. [4]

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8.

(c)	Define friend	class.	Explain	the concept	of forward	declaration
	of class.					[3]

Or

8.	(a)	Describe	briefly	the	features	of	I/O	system	supported	by
		C++.								[6]
	29.0	63	.07					10	11	[4]

(b) What is formatted and unformatted I/O operations. [4]

(c) Explain how the exception is handled in C++. [3]