C++ PROGRAMMING

An ISO 9001:2008 Certified **DiSHA**® COMPUTER INSTITUTE EXPERTS IN COMPUTER TRAINING	**Name :**		**Course :**	**C++ PROGRAMMING**	**Mob No.:**	
	IMS NO. :	**Admission Date :**	**Start Date :**		**End Date :**	

DATE	TOPICS NAME	DAYS REQUIRED	STUDENT SIGN	FACULTY SIGN
	C++ INTRODUCTION(Procedure v/s Object Oriented Language, Benefits of OOP's, Features, Data types, Variables, Constants**)**	1		
	EXPRESSIONS, OPERATORS(Arithmetic, Logical, Relational, Conditional, Scope resolution operator, Assignment operator**)**, **SIMPLE PROGRAMS, TYPE CONVERSION OR CASTING**	2		
	CONTROL STATEMENTS(IF, IF ELSE, IF ELSE LADDER, NESTED IF ELSE**)**	2		
	CONTROL LOOPS(FOR LOOP, WHILE LOOP, DO-WHILE LOOP**)**	2		
	SWITCH STATEMENT(BREAK & CONTINUE STATEMENT**)**	1		
	FUNCTIONS(CALL BY VALUE, CALL BY REFERENCE, INLINE FUNCTION, FRIEND FUNCTION**)**	4		
	ARRAY(1D-ARRAY, 2D-ARRAY, ARRAY TO FUNCTION, ARRAY TO POINTER**)**	4		
	POINTERS(POINTER TO POINTER, POINTER ARITHMETIC**)**	3		
	OOP'S CONCEPTS(CLASSES AND OBJECT, ABSTRACTION, ENCAPSULATION, INHERITANCE, POLYMORPHISM, AGGREGATION**)**	1		
	CONSTRUCTORS(DEFAULT CONSTRUCTOR, PARAMETERISED CONSTRUCTOR, COPY CONSTRUCTOR**), DESTRUCTOR**	2		
	INHERITANCE(SINGLE INHERITANCE, MULTILEVEL INHERITANCE, MULTIPLE INHERITANCE, HIERARCHICAL INHERITANCE, HYBRID INHERITANCE**)**	3		
	POLYMORPHISM(COMPILE TIME POLYMORPHISM(Function Overloading, Operator Overloading), RUN TIME POLYMORPHISM(Virtual Function),OVERRIDING**)**	4		
	ABSTRACT CLASS(POINTER OBJECT**), VIRTUAL BASE CLASS**	2		
	EXCEPTION HANDLING(TRY, CATCH, THROW BLOCK**),THIS POINTER**	2		
	TEMPLATES(CLASS TEMPLATES, FUNCTION TEMPLATES**)**	2		
	FILE AND CONSOLE I/O	2		
	Exam			