## CHRIST THE KING MATRICULATION HR. SEC. SCHOOL, KUMBAKONAM - 612 001.

STD: XII **MARKS: 50** 

**SUB: COMPUTER SCIENCE TIME: 1.30 MINS** 

## I – MID TERM TEST PART – I

	CHOOSE THE CORRE			10*1=10
1.		on definition are called as		1) P
2	a) Subroutines		c) Definition	
۷.	behavior of that variable		should not have any external	variable which will after the
	a) Pure	b) Impure	c) Recursive	d) Lambda
3		functions that retrieve informations		d) Lambda
٥.		b) Selectors		d)Nested
4.			te that allows programmers to	
	a) Encapsulation	b) Data Abstraction	c) Classes	d) Abstract Data Types
5.		essible from outside the class		,
	a) Public members	b) Protected members	c) Secured members	d) Private members
6.	is a securi	ty technique that regulates v	who or what can view or use	e resources in a computing
	environment.			
	a) Access	b) Object – Oriented	c) Access Control	d) Encapsulation
7.	If a problem can be bro	oken into subproblems which	n are reused several times, th	ne problem possesses which
	property?	1	,	
	a) Overlapping subproblems b) Optimal substructure c) Memoization			d) Greedy
8.	A is define	d as the total space required for	or storing certain data and var	iables for an algorithm.
	a) Fixed Part	b) Variable Part	c) Algorithm	d) Array
9.	The promp	t indicates that Interpreter is r	eady to accept instruction.	
		b) <<<	c) #	d) <<
10.	are special	words used by Python interpr	eter to recognize the structure	of program.
	a) Tokens	b) Identifiers	c) Keywords	d) Delimiters
13. 14. 15. 16.	Define Scope and Life T What is meant by Algori What are the two differe	ithm Strategy and Algorithmic ent phases of an Algorithm? of Programming in Python?		
		D. D.		
TTT	ANGUED ANG FOLD		Γ – III	542 15
	Why strlen is a pure fund	ESTIONS: (Q.No.23 Compu	nsory)	5*3=15
	•	ays to access the elements of	a list? Give example?	
	Define Mapping and Na			
	State Algorithm vs Prog	-		
22.	Explain the three Asymp	ototic Notations used to repres	sent the time complexity of Al	gorithms?
	Define Conditional Open	<u> •</u>		
24.	What are Comments and	I Indentation in Python?		
		DA D	T TT7	
TX/	ANSWED THE FOLL	OWING QUESTIONS:	$\Gamma - IV$	3*5=15
		ple interface and implementar	tion	3 3-13
25.	u) Explum with an exam	-	[OR]	
	b) What is a List? Why l	List can be called as Pairs. Ex	-	
	,		1	
26.	a) Explain the types of S	Scope for Variable or LEGB re	ule with Example?	
			[OR]	
	b) Explain the Character	ristics of an Algorithm?		
27	a) Evenlain tha De-1-1-1	out alcouither with a 1		
∠I.	a) Explain the Buddle so	ort algorithm with example.	[OR]	
	b) Explain input() and m	rint() functions with examples		
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