R09

Code No: 09A50501

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD B. Tech III Year I Semester Examinations, May/June – 2013

Principles of Programming Languages (Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

Answer any five questions All questions carry equal marks

					ASK C			6335	\$365.	
68	1.		is meant ms with ex		amming	paradigm?	Explain	various	program	nming [15]
	2.a)	Write BNF description for arithmetic expressions that implements the operator hierarchy of any imperative language.								
	b)				_	e. ecedence gra	ımmar.			[15]
BR	3.a)	Briefly types.	explain th	e specifica	ition and	implementat	tion aspec	ets of the	followin	g data
RE		i) Boole	ean	58	100/	ii) Characte	r		644	
	b)			n by dang	ling refer	ence? Explai		example		[15]
持兵			838	. \	100	242	7	100	oř.	
	4.	Discuss	in detail	the design	issues fo	r arithmetic	expression	ns.		[15]
88		8F7	85	XR	No.		8R	3R	85	
	5.a)					e and dynam			nples.	
6R	b)	Explair	pass by	esult parar	neter pas	sing technique	ue in deta	il.8R	8R	[15]
Shi	6.	Discuss how producer-consumer problem and Dining philosopher's problem are								
		solved	using cond	currency in	ADA.					[15]
88		811	E.R.		THE !			and the	68	
	7.a)	Discuss how exception handlers are helpful in C++ exception handling.								
SEC	b)	Explair	the use o	f java fina	lly clause	e in exception	n handling	3.		[15]
BPC	8.a) b)			the importa		ions of LISP.	• ivi			[15]
OFT		88	88				965	983	8 R .	
