(i) (ii)	Printed Pages: 2 Questions: 9	Sub. Couc.	9 3 1 0 2 9			
Bachelor of Computer Applications 3 rd Semester (1129)						
COMPUTER ORIENTED NUMERICAL METHODS						
Paper—BCA-16-304						
Tim	e Allowed : Three I	Hours] [Maximum N	1arks : 65			
Note: — Attempt one question each from Sections (A to D). Question 9 (Section E) is compulsory. All questions carry equal marks.						
SECTION—A						
1.	What is floating p floating point num	point number? Describe the libers.	storage of			
2.	What do you mea errors in detail.	n by error ? Explain differen	t types of 13			
SECTION—B						
3.		ence between direct method an ution of non-linear equations aples.				
4.	What do you mean with a suitable exa	1975 SCHOOL STEEL	? Explain 13			
SECTION—C						
5.	What is interpolation interpolation form	on ? Explain Newton's forward ula.	difference 13			
6.	Broadly, explain to interpolation forms	he use of Newton's divided ula.	difference 13			
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SECTION—D

7.	Define approximate detail.	tion. Explain Chebyshev	polynomials in
8.	How can you solve differential equations using Runga-Kutt		
	method?		13
		SECTION—E	
	(Co	ompulsory Question)	â
9.	Write short notes on the following:		
	(a) Euler's method	od	3
	(b) Lagrange inte	erpolation	2
	(c) Gauss-Seidal	method	2
	(d) Birge-Vieta m	nethod	2
	(e) Absolute erro	or	2
	(f) Transcendents	al equations	2

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