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	(Foll	owing Paper	ID and Birth No. (to be filled in your	FirstRa
			Answer Books)		
Paper ID: 154613			Roll No.		
			B. TECH.		
	7	Theory Exam	ination (Semeste	er-VI) 2015-16	
		BIO	DINFORMATIC	S-II	
Time: 3 Hours				Max. Marks: 100	
			Section-A		
1.	Attempt all parts. All parts carry equal marks. We answer of each part in short. $(2 \times 10 = 2)$				
	(a)	_	omic sequence ann ad ORF predictio	notation? Give some tools on.	š
	(b)		croarray? How bid roarray data?	oinformatics is applied to)
	(c)	What is mach approaches.	_	me some machine learning	ţ
	(d)	What is a D	Decision Tree? Gi	ive example.	
	(e)	What is con	nputer simulation	?	
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Section-C

Note: Attempt any two questions from this section. (15×2=30)

Describe and discuss some molecular biology techniques and their inference problems solved by the help of bioinformatics.

What is force field in molecular modeling? How is it helpful in study of molecular dynamic simulation?

What is in silico drug designing? Explain Ligand and Structure based drug designing.

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