## Q.P. Code :06970

		[Time: 2½ Hours]	Marks:60]
		Please check whether you have got the right question paper.	
		N.B: 1. All questions are compulsory.	20 X 2
		2. All questions carry equal marks.	\$ 5 C
		Draw neat labeled diagrams whenever necessary.	
Q.1	Describ	be multiple sequence analysis and methods used for multiple sequence alignment.	12
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<b>Q.1</b>	a)	Describe various structural databases.	06
•	b)	What is bioinformatics? Give an account of bioinformatics history.	06
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<b>Q.2</b>	Describ	be homology modeling and fold recognition methods for protein structure prediction.	12
ე.2	a)	Describe methods of identifying disease genes.	06
	b)	Write a note on lead identification and modification.	06
ე.3	What i	s patent infringement? Describe with examples.	12
ე.3	a)	Describe WIPO treaties.	06
	b)	Write a note on copyrights.	06
<b>Q.4</b>	Describ	be bioethics of wildlife conservation and management and commercialism in scientific research.	12
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<b>Q.4</b>	a)	Describe bioethics in animal welfare and rights used in research work.	06
	b)	Write a note approaches to ethics.	06
ე.5	Write	hort notes on ANY THREE	12
	a)	Nucleic acid database	
	b)	Consensus	
		DSSP & STRIDE	
	(d)		
N.	e)	Trademarks	
30		Bioethics of GMO	
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