Q.P. Code :10568

		[Time: 2½ Hours]	[Marks:60]
		Please check whether you have got the right question paper	
	N.B:	1. All questions are compulsory.	
		2. All questions carry equal marks.	
		3. Draw neat labeled diagrams wherever necessary.	
Q. 1	Describe vari	ous non mendelian inheritance.	
		OR STATE OF	
Q. 1	a. Describe the	inheritance pattern in human.	
		unt of meiotic cross over mechanism.	
Q. 2	Describe the	stages in the lytic life cycle of a typical phage.	12
$^{\circ}$	OK 2. a. Write a note on Benzer's fine structure of gene in T ₄ bacteriophage.		6
		on different types of plasmids.	6
Q. Z	b. Write a note	on unretent types of plasmus.	
Q. 3	Describe DNA	A replication.	12
Q. 3	a. Write a note	a. Write a note on mitochondrial DNA.	
Q. 3	b. Describe DNA	A microarray.	6
Q. 4	Write a note	on various ways of identifying disease genes.	12
Q. 4	a. Enumerate on control of development in drosophila.		6
		ociation studies and linkage disequilibrium.	6
Q. 5	Write short n	otes on ANY THREE.	12
	a) Soma	atic cell hybridization	
N. D.	b) Episo	me Color State Sta	
		CProtein	
		cular pathology from gene to disease	
800		stral haplotypes	
30,43	f) RFLP		
7327	\$ \$ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2	