Q.P. Code :19220

[Marks:75]

				Please check whether you have got the right question paper.		
		N.B:		All questions are compulsory.		
			2.	Draw neat labeled diagrams where necessary.		
Q. 1		Attempt any two of the following:				
	A)	Describe Ir	nmu	unochromatographic assays for Human Glycophorin A protein		
		•		ochemistry of ABO blood groups.		
	-		•	ne case study signifying the importance of Forensic serology.		
	D)	Write a no	te oi	on Lewis antigen.		
Q. 2		Attempt any two of the following:				
	A)	Write a note on the collection, packaging and analysis of biological evidence at a poaching scene.				
	B)	DNA profil	_	techniques for individual identification can provide key evidence to wildlife		
	۵۱		_	ations – Justify		
	C)		_	posed body was recovered from a stream. How will you use playnomorph to aid the causes of death?	נ	
	D)	Discuss the	e Wil	ildlife Protection Act, 1972.		
Q. 3		Attempt any two of the following:				
				ughly the role of Y- chromosome profiling in forensic identification.		
				d account of autosomal STR profiling.		
				tail the process of mtDNA analysis in individual profiling.		
	d)	Write a no	te oi	on the various admissibility standards for DNA evidence in the court of law.		
Q. 4		Attempt any three of the following:				
	a)	Write a sh	ort n	note on the use of VNTRs in forensic DNA profiling		
	b)	Write abou	ut an	ny two endangered mammalian species of India		
	c)	Write a no	te o	on secretor and non-secretor status		
				on Rh antigen system		
	e)	Enlist the k	key a	agencies responsible for wildlife law enforcement in the country		

[Time: $2\frac{1}{2}$ Hours]