Q.P. Code:10768

[Marks:60]

		N.B:	1.	All questions are compulsory.	S S
			2.	All questions carry equal marks.	
			3.	Draw neat and labeled diagram wherever necessary.	33
1.				nvolved in patenting biotech inventions.	06
	b. E	xplain commer	cial p	otential of biotechnology inventions.	06
1	c li	ustify the object	tivas	OR of plant varieties protection. Comment on its international position and status in Indian	12
1.		ontext.	tives	of plant varieties protection. Comment on its international position and status in mulan	12
2.		ive a detailed a		nt of the objectives of protection of geographical indications and comment on its	12
2.		Discuss			
		•		ncept of protection of traditional knowledge	06
	b. C	Case study relate	ed to	Erythropoletin	06
3.	V	Vhat are the so	urces	of solid wastes? Discuss different methods of solid waste treatment.	12
3.	a. D	efine biosenso	rs and	d explain their role in environmental studies.	06
			Y ^\	nd applications of phytoremediation.	06
4.		tate chemical c sing biotechnol	/ \	osition of wastes of paper industry. How biodegradation of wastes can be managed by all approaches?	12
	.4			OR	
4.	N	Vrite an accoun	t of		
4	A D	iological detoxi	0 1 VO	on the second of	06
	b. N	Nodes of remov	al of	oil spillage	06
5.		Vrite short note	son	any three of the following	12
\$ 2				niques and their applications	
77			X., /X.	PR protection Protection	
	200			indication in Indian context	
	1, O.	d. Pollution	シュ V * ^		
27.6		e. Waste m	nanag	gement from petrochemical	
	A CHANGE			********	
	37.3				

Please check whether you have got the right question paper.

[Time: 2½ Hours]