

BOTANY PAPER - II : BOT-122 **Industrial Botany**

: 60

P.	Page	s:3	3	(1	14202		
Tin	Max. Marks						
	Ins			to Candidates :			
		1.	Do	not write anything on qu	estion pa	aper except Seat No.	
		2.	Gr	aph or diagram should be	e drawn ı	with the black ink pen being used for	
			WII	ung paper of black HB p	encii.		
		4	All	idents should note, no si questions are compulsor	uppiemer	it will be provided.	
		5.	Fig	ures to the right indicate	iy. full mark	e	
		6.	Dra	aw neat and labelled diag	gram whe	rever necessary	
	- 1						
1.	a)	Atte	emp	t any six of the following			
		i)		izobium is isolated from			
			a)	Root nodules	b)		
			c)	Stem	d)	None of these	
		anic manure?					
		557	a)	Humus	b)		
			c)	Farmyard manure	d)	All above	
	iii) From which group Penicillium belongs?						
				Algae	b)	Bacteria	
			c)	Fungi	d)	BGA	
		iv)	Aa	aricus is commonly calle	d as	mushroom	
			a)	Paddy straw		Button	
		-	c)	Dhingri	d)	Oyster	
		v)	Ru	bber is obtained from the	·	of a rubber plant.	
		20	a)	Stem	b)	Root	
			c)	Seed	d)	Fruits	
		opesticide?					
		vi)	a)	Banyan	b)	Neem	
			c)	Babool	d)	Teak	
`							

	vii)	Aza	dirachtin is a	Pesticide	э.				
	***/	a)	Chemical	b)	Bio				
		c)	Crya	d)	Mercury				
	viii)	Frui	its are the source of -		, Indiana and a second				
	0.000	a)	Sugars	b)	Minerals				
		c)	Vitamins	d)	All of these				
b)	Attempt any six of the following.								
	i)	Wh	at is Industrial Botany	?					
	ii)	Wri	ite full form of FYM.						
	iii)	Name any two Biofertilizers Used for rice cultivation.							
	iv)	Wh	nat is aerobic fermenta	ation.					
	v)	Wh	nat are Mushroom?						
	vi)	Wr	ite the botanical source	ce of para ru	ibber?				
	vii)	De	fine biological control						
	viii)	W	nat is fruit processing	?					
	Att	Attempt any six of the following.							
	a)	Gi	ve the scope of Indus	trial Botany.					
	b)	Mention any two uses of BGA.							
	c)) What is the importance of Biofertilizers?							
	d)) Enlist various Microbes involved in the fermentation process.							
	e)	Gi	ive uses of rubber.						
	f)	E	xplain the importance	of Bio-Pest	cides.				
	g)) Describe Phenomenon of IPM.							
	h)	С	omment on cold stora	ge technolo	gy.				
	i)	G	ive difference betwee	n jam and je	elly.				

3.	Attempt any four of the following.					
	a)	Comment on green manure with example.				
	b)	Give types of Biofertilizers.				
	c)	What is antibiotics? Give its importance.				
	d)	Explain edible and Non-edible mushrooms.				
	e)	Describe in brief types of fruit processing.				
	f)	Describe the mechanism of biological control.				
4.	Attempt any three of the following.					
	a)	Describe the method of mass culture of BGA.				
	b)	Explain the process of rubber.				
	c)	What is fruit processing? Explain process of Preparation of Pickle.				
	d)	Give the importance of edible mushrooms.				
	e)	Explain process of canning of fruits.				
5.	Attempt any two of the following.					
	a)	Explain the process of formation of Ethanol.				
	b)	Give importance of organic manures and Biofertilizers in Agriculture.				
	c)	What is rubber? Describe physical and chemical properties of rubber.				
