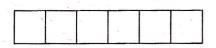
Oct -2014

कानन - 022





BOTANY PAPER - II : BOT-122

Ρ.	P	ag	es	:	2
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Economic Botany (12146)								
Pages : 2								
me : Two	Hours		Max. Marks: 40					
Instruc	ctions to Candidate	e ·						
			aper except Seat No.					
2. Ans	wer sheet should	be written wi	th blue ink only. Graph or diagram					
		the same pen	being used for writing paper or black					
	pencil.	no sunnieme	nt will be provided.					
	ures to the right inc							
5. All (questions are comp	oulsory.						
6. Dra	w neat diagrams w	herever neces	ssary.					
90	lve any eight.							
. 30	ive any eight.							
i)	The common nam		nus emblica is					
	a) Hirda		Amla					
	c) Coconut	d)	Beheda					
ii)	Medicago sativa	is an importar	nt source of					
,	a) Pulses	, b)	Cereals					
	c) Fodder	d)	Oils					
;;;)	Stimulating and	efreshing pro	perties in tea are due to					
1117	a) Caffine	b)	Theine					
	c) Reserpine	d)	Melanin					
iv)		seeds are im b)	portant source of					
	a) Proteins c) Fodder	d)						
	0, 10000							
v)								
	a) Textile fibre		Coir Fodder					
	c) Paper	d)	roddei					
vi)	A chemical 'azac	lirachtin' is co	mmonly obtained from					
	a) Aloe	b)	Neem					
	c) Turmeric	d)	Karanj					
vii	i) Which of the foll	owing is know	n as Indian Rubber ?					
VII	a) <u>Hevea</u> brasi							
	c) Ficus elastic							

		viii)	Major component of biogas is			
			a) Carbon dioxide b) Methane			
			c) Oxygen d) Hydrogen sulfide			
			Oryza Sativa is a rich source of			
		- 8	a) Carbohydrates b) Fats c) Minerals d) Proteins			
τ						
Ž.		x) Which one of the followings is known as 'Father of Indian green revolution'?				
			a) Dr. M. P. Singh b) Dr. M. S. Swaminathan			
			c) Gregor Mendel d) Dr. N. E. Borloug.			
2.		Sol	ve any four.	8		
		i) .	Give active principles of hirda.	E ·		
		ii)	What are biofuels ?			
		iii)	Define spices and condiments.			
		iv)	Give the uses of chick pea.			
		v)	What are the basic elements in the method of green revolution.			
		vi)	Which crops are important in the industrial revolution in India.			
3.		Att	empt any two.	8		
		i)	Give chemical properties and uses of Rubber.			
		ii)	Give chemistry, characteristics and uses of cane sugar.			
		iii)	Write a note on Vavilov's concept of origin of cultivated plants.	10 20 20		
4.	a)	So	lve any two.	6		
		i)	Give the uses of paper and paper products.			
		ii)	Give the chemical contents and uses of wheat.			
	n _ n	iii)	Give botanical source, chemical content and uses of Banana.			
	b)	Giv	ve the uses of alfalfa.	2		
5.		Me	ention the process of extraction of groundnut oil.	8		
			OR			
2		Ex	plain the process of Biogas generation			