B.: 1. A l					
	l Ouesti	ons are compulsory .			
2. Fi	_	the right indicate f		\$ 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ 4 9 5 5 5 6
	_	t and labelled diagra		ecessary.	A 70 % A 30 %
		C			
				and rewrite the sentence.	10
i) Te	rminalia	tomentosa	ii) Bacopa n	ionnieri	
iii) (Glycyrrh	tomentosa iza glabra	iv) Saraca	asoca	
		got legal status es 1945 thereunder.	s under second	schedule of the drugs and	cosmetics act
i) Ind	lian Pha	rmacopoeia ii) A	YUSH iii) M	lonographiv) None of these	
c.		is common adu	Iterant in <i>Termi</i>	nalia ariuna.	
i) <i>Gl</i>	vcvrrhiz	a glabra ia tomentosa	ii) Bacopa n	nonnieri	
	, - ,			2. (2. Y. A. 10. 70. 70. 70. 70. 70. 70. 70. 70. 70. 7	(b)
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d. Sarace i) Si e. The fa i) Fa f. When i) int g. The bi i)ster	ta asok mily of abaceae forestry ensive fo	ea is commonly know ii) arjuna iii) bragenus Gossypium is ii) Malvaceae iii) Pois practiced for achievestry ii) multiple source of cardamomii) fruit and seeds is used in the treater.	vn as	naceae n one purpose, it is called _ riculture iv) agroforestry iv) root estion.	·
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Q.2. Answer any two from the following:	20
A. Describe concept of adulterant/substitute with example of <i>Bacopa monnieri</i> and <i>Centasiatica</i> .	5 (10
B. Describe how different species of <i>Phyllanthus</i> are distinguished from each other.C. Explain the monograph of <i>Centella asiatica</i>.	
D. Define and differentiate between primary and secondary metabolites? What is the rol secondary metabolite in plants.	e of
Q.3. Answer any two from the following:	20
A. Explain Silviculture. State the objective of Silviculture.	
B. Mention the botanical name and biological source of Jute. Describe the process extraction and processing of fiber from jute plant.	s of
C. What are the various agricultural practices that are followed for commercial cultivations saffron?	n of
D. What is the need for organic farming? Add a note on its advantages and disadvantages	•
Q.4. Answer any two from the following:	20
A. Give the botanical source, nutritional values and uses of Spirulina and Kale	
B. What is Bromelain? Give the properties and uses of Bromelain.	
C. Discuss the types of biofuels in detail.	
D. Give an account of chemical constituents and uses of Lemon and Jojoba oil.	
Q.5. Write short notes on (Any four):	20
A. Significance of Indian Pharmacopoeia.	
B. Secondary metabolites in Terminalia arjuna and Terminalia tomentosa.	
C. Objectives of agroforestry.	
D. Alpine forests.	
E. Papain	
F. Nutritional value and uses of <i>Chlorella</i>	
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