(a) C:	(a) Cyathium and Verticillaster inflorescence. 6			Second Semester B. Sc. (Part-I) Examination			
do C	year pollination	4		BOTANY			
	ent on :	6		(Gymnosperms, Morphology of Ang Utilization of Plants) P. Pages: 4	iosperms and		
(a) Ec	conomic importance of Cotton.	4		Time: Three Hours]	[Max. Marks: 80		
(b) M	lorphology of Potato.	4		Note: (1) There are Seven question	ons in all.		
(c) Sy	yconus.	4		(2) Question No. 1 is comp 8 marks.	ulsory and carrie		
	OR			(3) Question Nos. 2-7 ca	rry equal marks		
(p) Va	arieties of Cotton.	4		(4) Draw neat and well I wherever necessary.	abelled diagrams		
(q) M	lorphology of Groundnut.	4		•			
(r) Lo	egume.	4		 (A) Fill in the blanks:— (i) Bennittites is also calle 	d as 1		
7. Comme	ent on :			(ii) Gnetum belonging to f	4		
(a) So	ources of Timbers.	4			1		
	conomic importance of Black pepper.	4		(iii) A plant which complete within two years is cal			
(c) M	ledicinal Uses of Azadirachta indica.	4		(iv) A root which arises from	is called		
	OR			as taproot.	1 2		
(p) M	ledicinal Uses of Vitex negundo.	4		(B) Choose the correct alternative	e (MCQ):		
(q) S c	ources of fire wood.	4	1	(v) Phylloclade is modifica	tion of		
(r) M	ledicinal Uses of Ocimum sanctum.	4	,	(a) Stem.			
	and the state of t			(b) Root.			

	(c) Petiole.		2. (Comment on:	
	(d) Leaf.	$\frac{1}{2}$		(a) Impression.	2
(\	(vi) Modification of Stem in Ginger i	s		(b) Geological time scale (only table).	2
	(a) Bulb.		•	(c) Lyginopteris oldhamia.	2
	(b) Tuber.			OR	
	(c) Corm.		+	(p) Compression.	4
	(d) Rhizome.	$\frac{1}{2}$		(q) Kaloxylon hookeri.	4
(vii) Foliaceous stipules are commonly found in (a) Hibiscus rosa – sinensis. (b) Pisum sativum.		,	(r) T. S. stem of Bennittites.	4
			3. 1	Describe in detail Primary Structure and Secondar growth in Pinus stem.	гу
	(c) Rosa indica. (d) Polygonum glabrum.	$\frac{1}{2}$		Describe the structure of ovule and development of female gametophyte in Gnetum .	nt
	(viii) Kufri is the variety of (a) Wheat. (b) Potato. (c) Cotton. (d) Groundnut.	$\frac{1}{2}$		Comment on: (a) Characteristics of stem. (b) Napiform root. (c) Corm.	444
(C)	Answer in one sentence :-			OR,	4
	(ix) Define Venation.(x) What is Phyllotaxy ?	1		(p) Bulb. (q) Adnate stipule. (r) Prop root. This make marris O to said horselets of the contract of the cont	44
`	(xi) Define Syngenecious Stamen.(xii) Define aestivation.	1		What is placentation? Describe different types of	of 2
P1 (2		A R	516 3 PT(`

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