ATKT EXAM 2015 SEMIA-TIK.T. 12/3/15

VCD	1203	15 SEMILEXAM	FYBSc. BOTA	NY-1	2 hrs	60 Marks	
	2. Fig 3. Dra	questions are compul cures to the right indica aw diagrams wherever ect the correct answer	ate full marks necessary.				(3)
1. Mimosae is a sub-family of family							
	a.	Leguminosae	b.	Solanaeae		c.	Malvaceae
2.	Fam	ily Malvaceae have	aı	nthers.			
	a. \	Versatile	b.	Reniform		c.	Sagitate
3.	In Ne	ephrolepis brown scale	e like epiderm	al outgrowths are	called		
3.		Ramenta		Hairs		С.	Scales
					known		
4.		n water is given out fr			Known a		
	a.	Respiration	b.	Transpiration		C.	Guttation
5.	The t	unicellular & multicellu	ular appendag	es of plant parts	are calle	d	
	a.	Chalk glands	b.	Trichomes		c.	Trichoblasts
6.	Brand	ched star shaped hair	are called				
	a.	Stellate hair	b.	Unisteriate hair		c.	Ramenta
B)Define. (any three)							
	1	. Pappus calyx.					
	2.						
	3.						
	4.						
	5.		mata				
	6.						
(C)	Write	short notes on. (any	three)				(9)
	1.	Types of leaf margi	ns				
	2.	Types of roots.					
	3.	Prothallus of Nephr	olepis.				
	4.	Ramentum.					
	5.	Protein					
	6	Carbohydrate					

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Q.2. Answer the following. (A) With reference to the family Compositae give classification, distinguishing characters, floral formula and two plants of economic importance (OR) (A) Describe the sub-families of Leguminosae. (B) Describe the family Malvaceae. (OR) (7) (B) Describe the family Solanaceae Q.3. Answer the following. (A) Explain in detail with diagram the types of Protostele. (OR) (A) Give economic importance of Gymnosperms. (B) Explain the structure of Antheridia and Archigonia with diagram in Nephrolepis. (OR) (B) Describe the structure of megasporophyll and microsporophyll in Cycas. Q.4. Answer the following. (A) Explain in general the primary body (OR) (A) Explain in comparison dicot & monocot root with diagram. (B) Diagrammatically explain Transverse section of monocot stem.

(OR)

(B) Diagrammatically explain Transverse section of Dicot stem