	2016-2017 B	DTANY	Annual	Examination	
	Section	on-A /MCO	'c)		
2.1	Section-A (MCQ's) Choose the correct answer for each from the given options:				
i)	"ULVA" is found attached to hard surface with:				
1	(a) Roots (b) Rhizoid		(b) Hold-Fast	(d) Root-Hairs	
i)	Most serious plant-pathogen (pov			(d) Hool-Halls	
	(a) Zygomycota (b) Ascony	cota (c) Basidiomycota		
	(d) Deuteriomycota	,	,-,		
ii)	During Blycolysis, there is net gai	n of	ATP molec	ules:	
	(a) Two (b) Four	(c) Six	(d) None of		
v)	Chlorella reproduces asexully by:				
	(a) Zoospores (b) Zygospo	eors (c) Aplansopores		
	(d) Pneumatophosres	194			
/)	Active transport of sucrose into si	eve-elemen	ts is a step, comn	nonly called:	
	(a) Osmosis (b) Diffusion	on	(c) Phloem loading	g (d) Un-loading	
(vi)	Which of the following disease is				
1-7	(a) Encephatlitis (b) Dengu		(c) Yellow fever	(d) Rabies	
(vii)	Bacterial growth phase, when it i	s inactive.	10 E9		
	(a) LAG-phase (b) LOG-p	hase	(c) Stationary pha	se	
	(d) Decline phase				
(viii)	Group of Bryophytes in which "Sp		independent and	can continue to sur-	
	vive even after the death of game		(c) Horn-worts		
	(a) Liver-worts (b) Mosse	S	(C) Hom-worts		
(ix)	(d) None of these Which one is not the event of light	nt reacitn of	photosynthesis?	40.7	
(IX)	(a) Photoplysis of water	(b) Syn	thesis of ATP		
	(c) Carboxylation		tophosphorylation		
Section-B (Short Answer)					
Note	: Answer any TEN of the following	ng question	ns. Each question	n carries 02 marks.	
Q.2	Give the types of viruses on molecular basis causing HEPATITIS-A B and C.				
Q.3	Which part of bacteria provides greater PATHOGENECITY and protects them against				
	adverse conditions? Name the family to which "GUL-E-MOHAR" plant belongs, Also give its botaincal				
Q.4		-E-MOHAN	plant belongs, A	so give its botainear	
Q.5	name.	FRIA are of	ten called the first	colonisers of moist	
Q.S	.5 For what reason CYANO-BACTERIA are often called the first colonisers of mosoils"?				
Q.6	Enlist the main factors which greatly influence the opening and closing of stomata.				
Q.7	Write down the botanical names	and the fan	nilies of the following	ng plants:	
		epper		Amaltas	
Q.8	Define any TWO of the following				
	(i) Bacterial conjugation	, ,	erospory		
	(iii) Fermentation		Karyotic Hypha	a:	
Q.9	Distinguish between any ONE o			11.	
	그 특별하면 맛있다면 하다 시간에 그 전에 특별하다. 하는 하나는 16 특성은 16명 하는 16명 하는 이번 시간 사람들이 다른	(i) Micro-Sporangium and Mega-Sproangium of Angoisoperm (ii) Schizogony and Sporogony			
Q.10		iffer from are	en plants?		
Q.11		mer morn gre	on planto.		
Q.12		er of family I	Poaceae?		
Q.13	•				
Q.14			ect the rate of osm	osis?	
Section-C (Descriptive Answer)					
Note: Answer any TWO of the following questions Each question carries 07 marks.					
Q.15	What is Ascent of Sap? Descrit	e the most	acceptable theory	regarding ascent of	
7	sap.				
Q.16 What are the characteristics of PTEROPSIDA? Describe life -cycle of an advanced					
PTEROPSIDA.					
	 Q.17 What are fungi? Describe fungal body and mode of reproduction in fungi. OR Describe the phase of photosynthesis where inorganic carbon is converted into 				
OR			no morganic carb	on to convented into	
organic carbon without using enery of light.					