[Time: Three Hours]

[Marks. 100]

	Please check whether you have got the right question paper.	
	N.B: i) All questions are compulsory	325
	ii) Figures to the right indicate full marks	
	iii) Draw neat and labeled diagrams whenever necessary	
Q.1	A. Choose the correct option from the following:	10
	a) The study of algae is known as	7
	i) Mycology ii) Bryology iii) Phycology iv) Parasitology	
	b)is the reserve food material in <i>Nostoc</i> .	
	i) Starch ii) Glycogen iii) Oil globules iv) Cyanophycean starch	
	c) The outer layer of <i>Spirogyra</i> cell wall is made up of	
	i) cellulose ii) lignin iii) suberin iv) pectin	
	d) Cytoplasm of <i>Rhizopus</i> hyphae is	
	i) uninucleate ii) binucleate iii) trinucleate iv) multinucleate	
	e) The fruiting body of Aspergillus is known as	
	i) Apothecium ii) Perithecium iii) Cleistothecium iv) Endothecium	
	f) are sexual spores of fungi i) Conidia ii) Aplanospores iii) Ascospores iv) Zoospores	
	i) Conidia ii) Aplanospores iii) Ascospores iv) Zoospores	
	g) Coenocytic mycelium is characteristics of class	
	i) Ascomycetae ii) Basidiomycetae iii) Phycomycetae iv) Deuteromycetes	
	h) Riccia spermatozoid possesses flagella.	
K	i) one ii) two iii) three iv) four	
16	i) The sporophyte of liverwort is	
9999 9999	i) fully independent ii) partially independent iii) parasitic iv) symbiotic	
	j) The neck of <i>Riccia</i> archegonia consists of a vertical row of neck canal cells. i) one ii) two iii) three iv) four	
9999	B. Answer the following in one sentence:	10
2, 25° (2)	a) Give two examples of unicellular algae.	
	b) State the role of heterocyst of <i>Nostoc</i> .	
A CO	c) Define saprophytism.	
TO SOL	d) Write functions of scales in <i>Riccia</i> . e) What are nurse cells ?	
8 X X X	C) White dictions cons :	
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Paper / Subject Code: 81107 / Botany: Paper I

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