	Enrollr	nent No:	Exam Seat No:		_	
			Summer Exa	mination-2017		
	Subject	t Name :	Mycology and Phycology			
	Subject	ology)				
	Semest	er : 1	Date: 24/03/2017	Time: 10:30 To 01:30	Marks: 70	
	(2) (3)	Use of P Instructi Draw ne	Programmable calculator and a ons written on main answer bo at diagrams and figures (if neo suitable data if needed.		prohibited.	
Q-1		Attemp	SECT ot the Following questions	ΓΙΟN – I		7
	a. b. c. d. e. f. g.	Some A What a Rhizop Define What a	is saprophytic in nature. True Agaricus can be used in food. Tre Biofuel? us is a genus of common sapro symbiosis. re Lichens?	Γrue/False		
Q-2	a b	Penicil	short notes on- lium ogical specialization in fungi			7 7
				OR		
Q-2	a b	Algal pi	short notes on- gments fungi in ecosystem			7 7
Q-3	}	What is	s global warming? Explain it wi	th suitable examples.		14
				OR		
Q-3	a b		n the symbiotic relationship on the characteristics of typical	-		7 7



## SECTION – II

Q-4		Attempt the Following questions	7	
		a. What do you mean by Antibiotics?		
		b. Neocallimastix can degrade cellulose. True/False		
		<ul><li>Toxic secondary metabolite produced by fungus is known as</li><li>Phycobilins are a type of algal pigment. True/False</li></ul>		
		e. Write name of fungi which do not produces hypae.		
		f. Write full form of SCP.		
		g. What is biodeterioration?		
Q-5		Write short notes on-		
	a	Biofertilizers	7	
	b	Benefits of Algae	7	
		OR		
Q-5	a	What do you mean by <i>Rhizopus</i> ? Explain it with suitable example.	2+5	
	b	What is biofuel? Explain the role of algae in biofuel production.	2+5	
Q-6		Write short notes on-		
•	a	Cyanobacteria	7	
	b	Different classes of fungi.	7	
		OR		
<b>Q-6</b>		Attempt all Questions		
	a	Explain quorum sensing with suitable example.	2+5	
	b	What are biocontrole agents? Explain their role in agriculture.	2+5	

