						DAT	F·		
Quality Checkers Only way to fulfill your dreams			XI-SCI : Biology Systematics of Living Organisms,		TIME: 1 hour 30 minutes				
					MAF	RKS: 25			
					SEAT NO				
Note:-									
 All Questions are compulsory. Numbers on the right indicate full marks. 									
Section A									
Q.1 Se	Q.1 Select and write the correct answer.								
1.	1. Identify the system of classification proposed by Sokel and Sneath?								
	A) Numerica	taxonomy	B) Chemot	taxonomy					
	C) Both (a) & (b) D) None of the above								
2.	· Identify the study of kinds and diversity of organisms and their comparative and evolutionary relationship.								
	A) Systematio C) Both (a) &		onomy le of the abo	ove					
3.	Morphologica	ally spherical	hactoria are	known as					
5.	A) Spirillium	B) Vibrio		. KHOWH dS					
	C) Coccus	D) Bacillus							
4.	The first wor	d 'Helianthus'	in 'Helianth	us annus' denot	es				
	A) Species	B) Order							
	C) Genus	D) None of	f the above						
Q.2 A	Q.2 Answer the following.								
1.	1. What is five kingdom system of classification?								
2.	Name the recent approaches in taxonomy.								
3.	Complete the following: (i) Plant like Protista – (ii) – <i>Entamoeba</i>								
Section B Attempt any Four									
Q.3	Describe genetic material in plant and animal viruses as well as in bacteriophages.						es.	(2)	
Q.4	Draw neat labelled diagram of Tobacco Mosaic Virus (TMV)							(2)	
Q.5	What is evolution?						(2)		
Q.6	Write a note on need for classification.						(2)		
Q.7	Why horse and ass are considered to be two different species or animals?					(2)			
Q.8	Give the objectives of Taxonomy.					(2)			
Section C									

Attempt any Two

Q.9 Identify the diagram, label and write information.



Q.10 Identify the diagram, label and write information.



Q.11 Identify the diagram, label and write information.



Section D Attempt any One

Q.12	Describe in detail the classifications of fungi?	(4)
Q.13	Why is binomial nomenclature important?	(4)

(3)

(3)