Total No. of Printed Pages: 2

## **SUBJECT CODE NO: - Y-2031** FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (PATTERN-2013) (S.Y SEM III)

Examination April / May - 2024 **Botany Paper-VIII Plant Ecology** 

[Time: 1:30 Hours]	Max. Mar	ks: 50
Please check whether you	have got the right question paper.	
	the Seers of seas Od to timer 22 a	
N. B  1) All questions are co	(2) (1) 1일 : [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	
2) Draw diagram wher	lever necessary.	
YAARU)	(S. 5) Food Comment of the form of the first	
Q.1 What are xerophytes? Explain Morpho	ological & anatomical adaptation with	20
suitable examples.	The second of the Landston A	
	OR J. MAHAVA	
	30	
Describe in detail water as ecological	factor?	
	The state of the s	
Q.2 Explain in brief, soil erosion & soil co	nservation.	20
	OR	
Write a short notes on:- (Any four)	A service at viore water mature (V	
[A] Pyramid of numbers.		
[B] Biotic factors.		
[C] Alpine forests.		
[D] Phosphorus cycle.	the rest years and by Stora of it.	
[E] Community.	1.5° shan Sha	
[F] Mangrove vegetation.	CT AND STORY	
	\$ 100 m & 100	
Q.3 Multiple choice question:-	Control of the contro	10
aremany 2rd	Manager Continues to	
1) The world environment day is on	1127 Street and the street of	
a) 7 <sup>th</sup> August	b) 5 <sup>th</sup> June	
c)10 <sup>th</sup> April	d)28 <sup>th</sup> February	
9 5 4	5 19 19 19 19 19 19 19 19 19 19 19 19 19	
2) A lake ecosystem is		
a) Artificial	b) Abiotic	
c) Natural	d) Hydrological	
39 39		

3) Soil Erosion can be prevented	by
The state of the s	fforestation
	all of these
	A TOWN NATIONS
4) An inverted pyramid is	
a) Pyramid of number in a grassl	and.
b) Pyramid of energy in pond eco	
c) Pyramid of biomass in grasslar	nd.
d) Pyramid of biomass in pond e	cosystem.
	MAHAVIDA
5) Food chain refers to	6
a) Number of human forming a cl	nain for food.
b) Animal gathered near a source	of food.
c) Transfer of energy from produc	cer to consumer.
d) None of these.	
1 (3/ Ne)	
6) Halophytes are peculiar in har	ving
a) Hanging roots.	b) Velamine tissue.
b) Vivipary	d) Saline water
Assertance Search	
7) Succulent plant grow in	in time the - see that may not be
a) Tundra.	b) Desert.
c) Tropical rain forest.	d) Temperate deciduous forest.
	and the second s
8) Who proposed the term ecosy	
a) Gardner.	b) Tansley.
c) Elements.	d) None of these.
	A STATE OF THE STA
9) The saprophytic Organism are_	in food chain.
a) Producer	b) Consumers
c) Predators	d) Decomposers
10) Which among the following state	es has a maximum area of forest in
India.	15.4.2
a) Kerala	b) Assam
c) Tamil Nadu	d) Madhya Pradesh