FIRST REVISION TEST - 2023				
XI	I - Std BIOLO	OGY		
Time	: 3.00 Hrs	Marks: 70		
	Bio - B	otany		
I	Choose the correct answer:-	8 X 1 = 8		
1.5	Find the correct statements.			
	a) in zostera pollination occurs upper surface	of the water.		
	b) Vallisneria is a monoecious and pollinated	inside the water.		
2	2) Trap machanism seen in Aselepiadaceae	d) Piston machanism seen in papilionaceae		
2.	Match :-	1. GFP		
14	ii. Induced mutation in plants -	2. Thermal neutrons		
	iii. Castor seeds	3. Dichloro ethylsulphide		
3	iv. Aequorea victoria	4. Gainma rays		
	a) i-3 ii-4 iii-2 iv-1 b) i-3 ii-4 iii-1 iv-2	c) i-3 ii-2 iii-1 iv-4 d) i-1 ii-3 iii-2 iv-4		
3.	Pick out the wrong pair.			
	a) Vincristine	Anti carcinogenic		
	b) Codeine	Analgesic		
	c) Capsaicin d) Quinine	Ear Pain treatment Antimalarial		
4.	The Alkaloid Juglone inhibits the growth of se			
1	a) Apple and Tomato b) Apple and Sugarcane	c) Alfalfa and sugarcane d) Tomato and sugarcane		
5.	Total ozone layerover the earth surface is			
	a) 0.3cm b) 3cm	c) 3 mtr d) 0.3 DU		
6.	Assertion (A) Breeding crop with Higher Lev	vel of vitamins and minerals or higher protein and		
	healthier fats is called tissue culture Parson (P) Graying plan protoplast cells tis	ssues and organs under Natural condition in called		
	tissue culture.	ssues and organs under ivatural constition in earlier		
	a) Both A and R correct	b) Both A and R wrong		
	c) A correct R wrong	d) A wrong R correct		
7.	Which of the following indirectly increases ca	irbon foot print		
	a) Kiwi b) Litchi	c) Cherry d) Berry		
8.	Which of the following is used to stops platelets fra a) Tamarin b) Alloin	c) Curcumin d) Capsisine		
	a) Tamarin b) Alloin PART			
II	Answer any four questions :-	$4 \times 2 = 8$		
9.	What is Back Cross?	그림, 얼마나 있다면 얼마를 하는데 되었다.		
10.	Write any two algae which are used for SCP.	그램 중에 바다 다 남은 그들이 있는 가능하는		
11.	What you mean Embryoids?	그렇게 생각하셨다면서 그렇는데 사람들이 가셨다면서 살다면 하다.		
12.	What is Papuda agree 12	었다. 함께 생각한 이 사람들이 있는 그 그 사람들이 되었다. 그 사람들이 되었다. 		
13. 14.	What is Pseudo cereal? Define Ecology?	뭐 같이 하이는 것은 마음을 보고 하는 이 말이다고		
14.	PART	FC and the second street of the second		
Ш	Answer any three questions. Questions I			
15.	Write a short note on Pollen Kitt.			
16.	Explain the Machanism of crossing over.			
17.	Write the three advantages of herbicide toler	ant crops.		
18.	Cryopreservation - Explain.	[1] [1] [1] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4		
19.	What are seed balls? PART			
IV	Answer in detail :-	$2 \times 5 = 10$		
20.	i) Draw and Label the Diagram of L.S. of O	경기는 전상들이 마쳤다. 일하고 되었다는 그 이번 그리는 그는 것으로 가고 있다. 경기를 하고 싶어 하는 그리다는 사람들이 그리다는 그는 그리고 있다.		
	ii) What is gene Mapping? Write its uses.			
21.	i) Describe the Dihybrid ratio of Mendel with	suitable example. (OR)		
	ii) Give an account of seaweed liquid fertilize	r		

Bio - Zoolcgy Section - I

	1. Answer all questions. 2. Choose the mo This gland is most active during neonatal and				
	a) Pineal gland b) Thymns	c) Pituitary	d) Thyroid		
2.	The mode of reproduction in bacteria is by				
	a) Formation of gametes	b) Endospore formation			
1,54	c) Conjugation	d) Zoospore formation			
3.	A population will not exist in Hardy Weinberg	equilibrium if			
	a) ladividuals mate selectively	b) There are no mutation	ons		
	c) There is no megration	d) The population is lar			
4.					
٠,٠	World biofuel day is observed every year on a) August 10th b) August 2nd	c) August 5th	d) August 20th		
_		C) August 5th	d)August 20th		
5.	The nature sperms are stored in the	1) 1/2 - 1-6			
	a) Seminiferous tubules	b) Vars deferens			
	c) Epididymis	d) Seminal vesicle			
6.	Match the following and choose the correct combination from the options given below				
	Column I	Column II			
	a) Mutualism 1. Lion and				
	b) Commensalism - 2. Round worm and man				
		mpete with squirrels for	nuts		
		none on hermit crab			
T . H = -	a) A-4 B-5 C-2 D-3 E-1	es attached to whales	D.5		
W 14.18	c) A-2 B-3 C-1 D-5 E-4	b) A-3 B-1 C-4 D-2			
7		d) A-5 B-4 C-2 D-3			
7.					
	protein synthesis?				
	a) Transcription, Transduction, Replication b) Transcription, Replication, Translation				
0	c) Duplication, Transcription, Translation d) Replication, Transcription, Translation				
8.	Inceneration, Chemical disinfection, autoclaving, encapsulation are the methods of waste disposal of				
	a) Plastic waste b) E - waste c) Medical waste d) Radioactive waste				
	Section - 2				
9.	Note: Answer any four of the following questions:- $4 \times 2 = 8$ Differentiate in situ biogram ediction from avoity biogram ediction				
10.	Differentiate in situ bioremediation from exsitu bioremediation. Write short note on ultrasound scanning.				
11.	Draw a labelled sketch of lymph node.				
12.	Write any two applications of PCR.				
13.	What are the effects of the introduction of tilapia fish from South Africa?				
14.	Placenta is an endocrine tissue - Justify.				
	Section - 3				
1	Note: Answer any three of the following	O No. 19 is a commula	5 W 2 - 0		
15.	Note: Answer any three of the following Q.No. 19 is a compulsory one: $3 \times 3 = 9$ What is Pathenogenesis? Mention its types.				
16.	What is referred to as reverse transcription PCR?				
17.	Mention the three periods of Mesozoic cra.				
18.	What are the applications of Karyotyping?				
·19.	Differentials in situ conservation from exsitu conservation.				
	Section - 4				
	Answer the following:-				
20.	Explain the different types of natural birth control measures (OR)				
44	Write down the applications of DNA fingerprinting technology				
21.	Tabulate the interactions between two species populations with examples (OR)				
	Describe the various stages of Sewage treatm	ient.			
			19 FM Walnut Day		