	[Time: Three Hours] Please check whether you have got the right question paper. N.B: 1. All questions are compulsory. 2. Figures to the right indicate full marks.			[Marks:100	
		3. Draw neat, labelled diagra			
Q. 1	A) Fill in the blanks by choosing the correct option.			(05)	
	i) is an example of exotic fish species.				
	(Catfish, Tilapia, Cichlid)				
	ii) is fresh water fish.				
	(Butterfly fish, Anemone fish, Molly)				
	iii) Moths of the jowar stem borer is in nature.				
	(Diurnal, Nocturnal, Crepuscular) iv) Bedbug is a pest.				
	_	3,500			
	(Agricultural, Household, Structural)			8,37	
	v) collected the first specimen to identify flying frog. (Dr. Khorana, Alfred Wallace, Charles Darwin)			92	
	(Dr. Kiloi				
	B) Match the column I & II and rewrite-			(05)	
	ĺ	Column I	Column II	, ,	
	i	Fish Feed	a) Crop rotation		
	ii) Molly	b) Brine Shrimp		
	ii	i) Cultural control of pest	c) Largest Swallowtail butterfly		
	i	v) Weevil	d) Hardy adaptable species of fish		
	v) Blue Mormon	e) Common pest on rice		
	C) State whether True or False.			(05)	
	i) Tubifex is formulated fish feed.ii) Guppy is marine aquarium fish.				
	iii) IPM stand				
	iv) Knapsack				
	v) Purple cra				
	D) Answer in one sentence			(05)	
	i) What is sexual dimorphism in fish?			(03)	
4	ii) What is monophagus pest?				
200	iii) Any one example of antidote.				
	iv) What is the name of endemic snake species of Tanzania?				
	v) What is the unique character of Spatule tail humming bird?				
	A) Answer any one from the following questions.			(10)	
X 5	i) Write in brief about fish transportation.			(10)	
10,01	ii) Describe live fish feed.				
3000	ny Describe	1190 11311 1CCG.			
330	3,70,000	1877 2 6 0 6 16 1			

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B) Answer any two from the following questions. i) Biology of molly ii) Scope of maintenance of an aquarium iii) Common characters and sexual dimorphism of anemone fish. iv) Biology of goldfish.	(10)		
A) Answer any one from the following questions.i) Different type of non-insect pest and their control measures.ii) Life cycle, nature of damage and control measure of aphids.			
B) Answer any two from the following questions. i) Life cycle of brinjal fruit borer. ii) Squirrel as a pest iii) Mechanical control of pests iv) Rotary duster as a plant protection appliance	(10)		
A) Answer any one from the following questions.i) Give a brief account of king fisher and spatule tailed humming birdii) Describe marvelous characters of mantis shrimp and mudskipper.			
B) Answer any two from the following questions. i) Amazing characters of strawberry poison frog ii) Tiger butterfly as flying jewel iii) Homing in pacific salmon iv) Amazing characters of drongo	(10)		
Write short notes on any four of the following questions. i) Fish packing ii) Example of exotic species of fish iii) Mechanical control of pest iv) Life cycle of aphid v) Crime fighting gecko vi) Amazing aspects of cheetah.	(20)		
	 i) Biology of molly ii) Scope of maintenance of an aquarium iii) Common characters and sexual dimorphism of anemone fish. iv) Biology of goldfish. A) Answer any one from the following questions. i) Different type of non-insect pest and their control measures. ii) Life cycle, nature of damage and control measure of aphids. B) Answer any two from the following questions. i) Life cycle of brinjal fruit borer. ii) Squirrel as a pest iii) Mechanical control of pests iv) Rotary duster as a plant protection appliance A) Answer any one from the following questions. i) Give a brief account of king fisher and spatule tailed humming bird ii) Describe marvelous characters of mantis shrimp and mudskipper. B) Answer any two from the following questions. i) Amazing characters of strawberry poison frog ii) Tiger butterfly as flying jewel iii) Homing in pacific salmon iv) Amazing characters of drongo Write short notes on any four of the following questions. i) Fish packing ii) Example of exotic species of fish iii) Mechanical control of pest iv) Life cycle of aphid v) Crime fighting gecko 		