SUBJECT CODE NO: - CB-2349 FACULTY OF SCIENCE & TECHNOLOGY

B. Sc. F.Y (Sem-I)

Examination December/January-2022-23 Fishery Science Paper-I FIS-011Taxonomy & Anatomy of Fish

[Tin	ie:1	:30 Hours]	[Max. Marks: 40
		Please check whether you have got the right question paper.	
N. B		1) All questions are compulsory.	
		2) All questions carry equal marks	
		3) Draw neat diagram and give labels wherever necessary	
Q1	1.	Give an account of classification of fishes (berg,1940) up to class level	10
		OR OR OF OR	
	2.	Explain in brief	
	a)	Allotype in taxonomy	
	b)	Importance of taxonomy	
Q2	1.	Describe the study of morphometric characteristics of fishes?	10
		OR OR STATE	
	2.	Explain in brief	
	a)	Mandibular arch	
	(b)	Skull	
Q3	Wı	rite short notes on (any two)	10
	1.	General character of shark & ray	
	2.	Placoid scales	
	3.	Caudal vertebra	
	4.	Importance of fishes	
Q4	Mι	ultiple choice Questions	10
	1.	Elasmobranchs are exclusively	
	a)	Brackish water b) Marine water c) Fresh water d) None of these	
	2.	Fishes able to breath in air	
	a)	Estuarine Fishes b) Marine fishes c) Freshwater fishes d) Dipnoi	
	3.	Where are lampreys born	
	(a)	In Brackish water b) In the ocean c) In Freshwater d) All of these	
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	4.	In fishes the jaws are adapted for	
	a)	Manipulating food b) defence c) grasping d) All of these	

Which of the following are the first gnathostomes		
Fish b) mammals c) Amphibians d) Aves		
In which of the following group the operculum is present		
Dipnoi b) Holocephali c) Elasmolranchi d) All the above		
Which of the following is a scaleless fish		
Labeo b) Cat fish c) Scoliodon d) Amia		
For proper development of bones children's diet must be rich in calcium		
Phosphorus and iron c) Vitamin D and iodine		
Iron and Vitamin D d) Phosphorus and Vitamin D		
A fish is characterised by the presence of		
Giles b) Dermal scale c) Paired fish d) All of the above		
Members of the class teleostomi have		
Protocircle tail c) Diphycircle tale		
Homocircle tail d) None of the above		