## **SUBJECT CODE NO: - YY-2420**

## FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (CBCGS) (Pattern 2022) F.Y. (SEM II)

Examination April / May - 2024

Fishery Science Paper-V Endocrinology and Physiology of Fishes

[Tin	ne: 1:30 Hours]	[Max. Mar]	ks: 40
	Please check whether you	have got the right question paper.	
N. B	1) All questions are com	pulsory.	
	(3/ 15)	MAHAVIOL	
Q1	Describe in detail role of fish pituitary g	land in reproduction OR	10
	Explain in brief:	LAMASSA CONTRACTOR OF LAMASSA	
	a) Hypothalamus as a neuroendocri	ne organ	
	b) Thyroid gland in fishes.		
		C. 6. vivlaemi is som in Cx	
Q2	Give an account of different methods used for isolation of fish pituitary gland.		
	A section of the smaller of	OR Smooler outries HA 19	
	Explain in brief:	. 1.3	
	a) History of artificial reproduction		
	b) Preparation of crude fish pituitar	y gland extract	
		A Tricinosets Ald	
Q3	Write short notes: (any two)		10
		Sometimes 15 to 15	
	1. Circulation in fishes.		
	2. Physiology of digestion	estal at real 2	
	3. Calcium metabolism	Four chafulages	
	4. Islets of Langerhans		
	tankanari Sama		
Q4	MCQ'S	Promise Programme Andrews of the Control of the Con	10
	1. Pituitary gland does not control the	ne secretory activity of	
	a) Thyroid	b) Adrenal cortex	
	c) Adrenal medulla	d) Tester	
	2000 TO 100 TO 1	A Section 19 (e)	
	2. The hormones FSH and LH are to	ogether called	
	a) Emergency hormone	b) Neuro hormone	
	c) Gonadotropin	d) Antistress hormone	

3.	Urine	concentration is controlled by		
	a)	Oxytocin	b) ADH	
	c)	MSH BARRATAN AND AND AND AND AND AND AND AND AND A	d) ACTH	
4.	Vasop	ressin is responsible for	Sport Schune Rupers-S. Duden 	
		Controlling oogenesis		
	b) Controlling spermatogenesis			
	c) Formation of pigment			
	d) Regulating blood pressure act on nephron			
	NAMAM			
5.	Exocri	ine glands are	LIBRARY )	
	a) Release waste			
	(b)	Formed by connective tissues	tallamars	
	c)	At the surface of the body		
	d)	All of these		
6.	viviparily is seen in			
	a)	All fresh water teleosts	b) Scolirdm	
	c)	All marine teleosts	d) None of these	
		· dimension		
7.	Excretion means			
	a) Getting rid of waste metabolic products			
	b)	Defaecation		
	c)	Sweating	And the state of t	
	d)	Water-salt balance		
			and the second s	
8.	Heat in	n fishes	A dimensión of America	
	a)	Four chambers	b) Two chambers	
	c)	Three chambers	d) Six chambers	
9.	Dentine enclosing a			
	a)	Pulp cavity	b) Basal plate	
	(c)	Focus	d) Vitrodentine	
		25 250 1820 1830 1940 16 18 18 18 18 18 18 18 18 18 18 18 18 18		
10		is cells secrets mucin which is		
		Protein	b) Glycoprotein	
	c)	Carbohydrates	d) Fats	
		HOUR YOU GROWN TO		