

Q.P. Code : 28567

[Time: 2½ Hours]

[Marks: 60]

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 and labelled diagrams wherever necessary.

Q.1	Describe in detail principles of fish nutrition and terminologies	12
	OR	
Q.1	Explain:	
	a) Amino acids as role of nutrients	06
	b) Vitamins as role of nutrients	06
Q.2	Describe in detail construction of aquarium tanks.	12
	OR	
Q.2	Explain:	
	a) Design and construction of aeration	06
	b) Design and construction of lighting	06
Q.3	Describe in detail conventional feed stuffs and feed formulation technology.	12
	OR	
Q.3	Explain:	
	a) Single cell protein (SCP)	06
	b) Nutrient deficiency and symptoms	06
Q.4	Describe in detail nutritional requirements of fish larvae	12
	OR	
Q.4	Explain:	
	a) Quality requirements of larval feeds.	06
	b) Zooplankton and their role in larval nutrition.	06
Q.5	Write short notes on : (any Three)	
	a) Lipids as role of nutrients	04
	b) Carbohydrates as role of nutrients.	04
	c) Design and construction of filtration arrangements	04
	d) Quarantine	04
	e) Nutraceuticals	04
	f) Natural food and its importance in aquaculture.	04
