

**ADITYA DEGREE COLLEGE
KAKINADA
Dept. of Fisheries and Aquaculture
II B.Sc., Fisheries; IV SEMESTER
Course No.11: FISH NUTRITION AND FEED TECHNOLOGY**

SECTION-A

5x4=20 Marks

Answer any **FIVE** Questions

1. Micronutrients
2. EAA's
3. PUFA
4. EPA, DHA & ALA
5. Bag Feeding
6. FCR
7. PER
8. Shrimp Farming

SECTION-B

4x10=40 Marks

Answer **ALL** Questions

9. a) Discuss the nutritional requirements of prawn in mature stage.
(OR)
b) Explain about the nutritional requirements of Fish in juvenile stage.
10. a) Write in detailed account on Essential Amino Acids and Fatty acids in Aquaculture Feeds.
(OR)
b) Give an account on key dietary sources of energy Aquaculture feeds.
11. a) Discuss in detail about Feed conversion efficiency in shrimp farming.
(OR)
b) Write an account on importance and operation of check tray in shrimp culture.
12. a) Discuss in detail Automatic and spray Feeding techniques in culture systems.
(OR)
b) Explain about the types of feeds in shrimp culture.
