

Lecture schedule for course FRM-211 (Anatomy and Biology of Shellfish)

Credit – 2(1+1)

Sl. No.	Topic	No. of classes
THEORY		
1.	Study of external and internal organization of commercially important crustaceans	02
2.	Study of external and internal organization of commercially important molluscs	02
3.	Anatomy of digestive system of crustaceans	02
4.	Anatomy of digestive system of molluscs	01
5.	Anatomy of respiratory systems of crustaceans and molluscs.	01
6.	Anatomy of circulatory systems of crustaceans and molluscs.	01
7.	Anatomy of nervous systems of crustaceans and molluscs	01
8.	Anatomy of reproductive systems of crustaceans and molluscs	01
9.	Food and feeding habits commercially important crustaceans and molluscs	01
10.	Growth, moulting, length – weight relationship.	01
11.	Reproductive biology of commercially important crustaceans and molluscs	01
12.	Larval stages of commercially important crustaceans and molluscs	01
13.	Age and growth determination by direct and indirect methods	01
Total number of classes (theory)		16
PRACTICAL		
1.	Study of Internal Organs commercially important crustaceans	02
2.	Study of Internal Organs commercially important molluscs.	02
3.	Study of Digestive system of crustacean	01
4.	Food and Feeding habit of crustacean (gut content analyses)	02
5.	Study of Digestive system of molluscs	01
6.	Food and Feeding habit of molluscs (gut content analyses)	01
7.	Study of nervous and respiratory system of crustacean	01
8.	Study of nervous and respiratory system of molluscs	01
9.	Study of reproductive system of crustacean	01
10.	Study of reproductive system of molluscs	01
11.	Age and growth determination, length - weight relationship and condition factor estimation in crustacean	01
12.	Identification of different larval stages of crustacean and molluscs	01
13.	Determination of Fecundity in crustacean	01
Total number of classes (practical)		16
Total number of classes(Theory+ Practical)		32

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