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SUBJECT CODE NO:- 2276
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. T.Y Sem. VI
Examinations March/April-2022 (To be held in June/July-2022)
Fishery Science Paper-XX
Modern Trends in Fishery Science- II

[Time: 1:53 Hours]

[Max. Marks: 50]

- N.B Please check whether you have got the right question paper.
1. Attempt all questions.
 2. Draw the diagrams wherever necessary.
- Q.1 Describe in detail Immunoglobulin's fish 20
 OR
 What is antibodies describe in detail specificity of fish antibodies. 20
- Q.2 Write in detail, importance of aquatic microbes in bio-geochemical transformations. 20
 OR
 Write short notes on any four of the following. 20
- a) Blood groups
 - b) Microbiology of sewage water.
 - c) Contamination
 - d) Use of preservatives
 - e) Evidences of spoilage
 - f) Aquatic micro- organisms in sea.
- Q.3 Multiple choice questions. 10
- 1) An individual serum cell has-----.
 - a. Two class of Ig
 - b. Four class of Ig
 - c. One class of Ig
 - d. None of the above - 2) yG has-----.
 - a. Only 'L' chain
 - b. Only 'H' chain
 - c. both
 - d. None of the above - 3) The intact molecule had a molecular weight ----- in paddle fish (polyodon spythulla)
 - a. 8,70,000 ± 7300
 - b. 8,50,000 ± 7200
 - c. 8,90,000 ± 7400
 - d. None of the above - 4) Common fresh water micro- organism is -----.
 - a. Dseudomonas
 - b. flavobacterium
 - c. Aeromonas
 - d. All of the above

- 5) A streptococci is -----.
- a. virus
 - b. Bacteria
 - c. Fungi
 - d. None of the above
- 6) The horizontal distribution of microorganism is influenced by -----.
- a. Wind
 - b. Current
 - c. Solar radiation
 - d. All of the above
- 7) Aquatic bacteria are commonly -----.
- a. Gram +ve
 - b. Gram – ve
 - c. Both
 - d. None of the above
- 8) Phycoerythrin and phycocyanine pigments are found in -----.
- a. Streptococci
 - b. Bacillus
 - c. Oscillatoria erythraea
 - d. clostridium
- 9) Myxomycetes is belong to -----.
- a. Fungi
 - b. Virus
 - c. Bacteria
 - d. Protozoans
- 10) ----- converts soluble form of Iron into insoluble form of Iron.
- a. Gallionella
 - b. Streptococcus bovis
 - c. E. Coli
 - d. None of the above