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SUBJECT CODE NO: - YY-2419
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y. (SEM II) (CBCGS) (Pattern 2022)
Examination April / May - 2024
Fishery Science Paper - IV Limnology

[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

Q1 Describe the Limnology of Streams and River. 10

OR

- (a) Explain physical characteristics light water. 05
 (b) Physical Limnology Turbidity in water. 05

Q2 Describe the oxygen, carbon dioxide and other dissolved gases in water. 10

OR

- (a) Explain Nekton 05
 (b) Explain Benthos 05

Q3 Write short notes on (Any - 2) 10

- (1) Development of Limnology
- (2) Nature of Inland Water Environment
- (3) Dissolved organic matter
- (4) Food of Plankton organisms

Q4 M. C. Q. 10

- (1) Organisms inhabiting the bottom?
 (A) Littoral (B) Limnetic (C) Plankton (D) Benthos
- (2) Aquatic Productivity of Fish Ponds influenced by?
 (A) Nitrogen (B) N and P (C) Phosphrus (D) None of these
- (3) Cyanobacteria fix this compound?
 (A) Phosphrus (B) Carbon (C) Nitrogen (D) Sulphur

- (4) The carbon dioxide in pond water will not allow pH to fall below?
(A) 4 (B) 3 (C) 3.5 (D) 2
- (5) Pistia sp. is otherwise known as?
(A) Water lilly (B) Eel grass
(C) Water Flea (D) Water lettuce
- (6) Rivers, spring, streams are example of _____.
(A) Lentic habitit (B) Lotic habitat
(C) Both of above (D) None
- (7) Which of these is a specialty of phytoplanktons?
(A) Can swim in water (B) Can make their own food
(C) Are large organisms (D) All of above
- (8) Lakes that mix from top to bottom during one mixing period each year.
(A) Amictic lakes (B) Dimctic lakes
(C) Meromictic lakes (D) Monomictic lakes
- (9) On the basis of productivity the lakes are divided into _____ types.
(A) 2 (B) 3 (C) 4 (D) 5
- (10) All of given are characteristics of eutrophic lakes except
(A) Shallow depth (B) Murky brown water
(C) High turbidity (D) Low primary productivity

