

M.Sc. SEMESTER-IV (203A) ELECTIVE GROUP-A
SET-II. FISH AND FISHERIES. 2019-21.

Answer Any Five questions. Q.No 1 is Compulsory, and any four, not more than any Two from each unit

1. choose the correct Answer.

(i) Which herbicide is used in Aquatic Weed Control.

- a) Delapon
- b) Acrolein
- c) Diuron.
- d) Picloram.

(ii) Dredging is most effective treatment for Controlling.

- a) Parasitic weeds.
- b) Lantana.
- c) Aquatic weeds.
- d) Agrestals.

(iii) Isinglass is a gelatinous substance. used for

- a) clarification of wine.
- b) clarification of Vinegar.
- c) Preparation of Special grade Plaster.
- d) All of above.

(iv) Fish is mostly used to obtain Fish oil.

- a) Sardine
- b) Salmon
- c) Both a and b.
- d) None of these.

(v) Which of the following is poisonous fish

- a) Hilsa
- b) Puffer Fish.
- c) Wallago attu
- d) All of these.

(vi) *Eichornia crassipes* is representative of.

- a) Rooted Floating
- b) Free Floating.
- c) Rooted Submerged.
- d) Emergent.

(vii) Dermatomycosis disease of fish is caused by.

- a) Fungi
- b) Virus.
- c) Bacteria
- d) None of above.

(viii) Isinglass is prepared by Fish.

- a) Skin
- b) Intestine.
- c) Caudal Fin
- d) Air Bladder.

(ix) The Venomous known Fish is the.

- a) Coral Fish
- b) Sting Ray.
- c) Reef stone Fish
- d) All of these.

(x) Which of the following is not a Carp.

- a) Hilsa hilsa.
- b) Catla Catla
- c) Labro rohita
- d) Labro Calbasu.

UNIT-I.

SET-2.

- Describe the Common Needs of Fish ponds of India. Suggest their methods of Control.
3. What are causes of Spoilage of Fishes. How is Fish preserved by Canning method. Mention the demerits of Fish preservation.
 4. Give an account of preparation of Pituitary extract, Selection of breeders and Injection techniques etc and mention the factors influencing Induced breedings.
 5. Write short notes on any Three of the Following.
 - a) Sewage Fed Fisheries.
 - b) Diseases Caused by pathogens.
 - c) Light producing organs.
 - d) ultimobranchial glands.
 - e) Aquatic Pollution.

UNIT-II.

6. Give an account of urohypophyseal gland of a teleost. Discuss its role in osmoregulation.
7. What is Corpus of stannius. Give an account of its structure and function.
8. Describe in detail about Electric organs in Fishes.
9. Give an account of different types of Fishing gears used in the Indian freshwater bodies and discuss.

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ANSWERS

MULTIPLE CHOICE Q NO-I

SET-I

(i) a (ii) a (iii) a (iv) b (v) b (vi) b (vii) d
(viii) d (ix) c (x) b

SET-II

(i) b (ii) c (iii) d (iv) c (v) b (vi) a (vii) c
(viii) d (ix) d (x) a

SET-III

(i) a (ii) a (iii) b (iv) d (v) c (vi) d
(vii) d (viii) c (ix) a (x) c

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