

M.Sc. II (Zoology) (CBCS Pattern) Third Semester
PSCZOOT10-2 - Special Group Paper-X - Fish & Fisheries Paper-I :
General Studies

P. Pages : 1

Time : Three Hours



GUG/W/18/11308

Max. Marks : 80

1. State Affinities of placoderms and add a note on Fossil Record. 16

OR

a) Classification and general characters of Placoderm. 8

b) Development of Limbs in fishes. 8

2. Classification and general characters of Sharks and Rays. 16

OR

a) Affinities of elasmobranch. 8

b) Give an account on Ray finned fishes. 8

3. Write an essay on Respiratory system and add a note on Gill Histology. 16

OR

a) Mode of respiration and gaseous exchange in Teleosts. 8

b) Blood vascular system of Protopterus. 8

4. Give a detailed account on accessory respiratory organs. 16

OR

a) Mechanism of Air Breathing. 8

b) Blood supply and functions of Air bladder. 8

5. Attempt the following. 16

a) Cyclostomes

b) Actinopterygii.

c) Fossil Dipnoians

d) Physostomus.

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