

M.Sc.- II (Zoology) CBCS Pattern Semester-IV  
**PSCZOOT14.2 - Fish & Fisheries-III (General Studies)**

P. Pages : 1

Time : Three Hours



**GUG/W/23/11430**

Max. Marks : 80

- Notes :
1. All questions are compulsory.
  2. All questions carry equal marks.
  3. Draw well labeled diagram wherever necessary.

1. Give details accounts on Osmoregulation in Fishes. **16**
- OR**
- a) Structure of alimentary canal in teleost. **8**
- b) Digestion and absorption of food in teleost. **8**
2. Give details accounts on Migration in fishes. **16**
- OR**
- a) Chemoreceptors. **8**
- b) Structure and functions of tastebuds. **8**
3. Give details accounts on female reproductive system of fishes. **16**
- OR**
- a) Spermatogenesis. **8**
- b) Oogenesis **8**
4. Give details accounts on Neurohormones and their functions. **16**
- OR**
- a) Pituitary Gland in fishes. **8**
- b) Hypothalamo-hyophyseal system in fishes. **8**
5. Short notes on-
- a) Structure of Kidney in teleost. **4**
- b) Role of hormones in migration. **4**
- c) Male reproductive system in fishes. **4**
- d) Structure and function of other endocrine gland in fishes. **4**

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