** CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT**

**School of Fisheries, Paralakhemundi**

**B.F.Sc 5th Semester**

**FSAQ 3105 Finfish Hatchery management**

**Define the following: 5 X 0.5 = 2.5**

1. Hypophysation in Fishes

2. Full form of GnRH

3. Full form of PMSG

4. Full form of LHRH

5. Full form of HCG

**Mention the Scientific Name of the Following : 5 X 1 = 2.5**

1. Java Tilapia

2. Zangibar Tilapia

3. Galilee Cichilid

4. Red Breasted Tilapia

5. Common Carp

**Fill in the blank 10 X 0.5 = 5**

1. Fish which easily breeds in confined water (pond) …………………………………….
2. Major order of Aquatic Insects are ………….,…………… and ………………..
3. Scientific Name of water Scorpion is …………….. and water stick insect is ………………
4. Tilapia breeds ……….. to ……….times a year
5. Breeding territory of Tilapia is known as ……….. which is mostly prepared by …… (male/female ) tilapia.

 **Answer the following in short (Any three):** **3 X 2 = 6**

1. Advantage and Disadvantage of Natural collection of Seeds
2. Advantage of Application of synthetic Hormones
3. Environmental factors affecting fish reproduction
4. Bundh breeding

**Describe the following: 4 X 1 = 4**

Describe in details the Application of synthetic hormone in aquaculture

**OR**

Draw a labeled diagram of Chinese Circular Hatchery