

Roll No.

Total Pages : 02

GSQ/M-20

1761

ZOOLOGY

Paper II

Aquaculture and Pest Management-II

Time : Three Hours]

[Maximum Marks : 40

Note : Q. No. **1** is compulsory. Attempt *four* questions in all from Section A and Section B by selecting *two* questions from each Section.

1. (a) Define mono-sex culture.
- (b) What are hatching hapa ?
- (c) What do you mean by the term 'extender' ?
- (d) What is the role of cryoprotectant ?
- (e) What is hybridization ?
- (f) Write the systematic position of *Tribolium castaneum* and *Sitophilus oryzae*.
- (g) What are herbicides ?
- (h) Define parasitoids.
- (i) What are insecticides ?
- (j) Name *two* pestiferous birds. **1.5×10=15**

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Section A

2. Define fish seed. Discuss the methods of transport of fish seed. 6¼
3. Describe the constituents of natural fish food. 6¼
4. Give an account of management of stocking ponds. 6¼
5. What is Cloning ? Discuss the applications of gene cloning. 6¼

Section B

6. Make a list of insect pests of stored grains and write a note on damage caused by them. 6¼
7. Explain the precautions and feasibility of biological agents for insect pest control. 6¼
8. Discuss the cultural methods to control the insect pests. 6¼
9. Describe the various methods to control rodent pests. 6¼