

2032

B. Voc. (Agri-Business and Agrarian Entrepreneurship)

Third Semester

ASC-305: Hatchery Management

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Write short notes on the following:-

- a) Hatchery
- b) Traying of hatching eggs
- c) Incubation of eggs and temperature of incubator
- d) Embryo

(4x2)

UNIT – I

II. How are hatching egg quality is maintained in the hatchery, discuss various factors regarding this. (8)

III. a) What are the characters of good quality eggs?

b) Define the term 'Hatching' and what is the incubation period? (2x4)

UNIT – II

IV. Describe in detail the set up and equipments required for hatchery. (8)

V. a) How cleaning and disinfection of eggs is done?

b) How the transportation of eggs is done? (2x4)

UNIT – III

VI. For setting up of hatchery, how one can plan and design it, and construct it? (8)

VII. Discuss briefly about:-

- a) Setting/traying of hatchery eggs
- b) Pre-warming of eggs prior to setting
- c) Testing of fertility/candling

(3,3,2)

P.T.O.

(2)

UNIT -- IV

VIII. After setting the hatchery, how the calculations of fertility and hatchability of eggs is done? (8)

IX. Write note on:-

a) Hatchery sanitation

b) Disposal of hatchery waste

(2x4)

x-x-x