

2122

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) Sexing of chicks
- b) Designer eggs
- c) Pulling the hatch
- d) Structure of an Egg

(4x2)

UNIT - I

II. a) Describe the process of Development of the embryo?

b) What are the different types of eggs? Give details.

(2x4)

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

b) Describe the process used for maintaining the Hatching egg quality?

(2x4)

UNIT - II

IV. a) Discuss the various methods used for cleaning and disinfecting a Hatchery?

b) How is selection of hatched eggs carried out?

(2x4)

V. a) Discuss the various instruments used in Hatcheries.

b) Describe how the storage and transport of eggs is done?

(2x4)

UNIT - III

VI. a) What are the prerequisites needed for designing and constructing a Hatchery?

b) Discuss the various important factors to be considered while delivery of chicks.

(2x4)

VII. a) Write short notes on Grading and holding of chicks.

b) Give an account of the various operations of a Hatchery.

(2x4)

P.T.O.

(2)

UNIT - IV

- VIII. a) What factors affect the fertility and Hatchability of eggs?
b) How the calculation of fertility and hatchability of eggs is done? (2x4)
- IX. Describe the various methods used for the sanitation and disposal of hatchery waste. (8)

x-x-x