

1127

B. Voc. (Agri-Business and Agrarian Entrepreneurship)
First Semester
ASC-104: Live Stock Production and Management
(Reappear)

Max. Marks: 40

Time allowed: 3 Hours

NOTE: Attempt five questions in all, including Question No. 9 (Unit-V) which is compulsory and selecting one question each from Unit I-IV.

x-x-x

UNIT - I

- Q.1. What is culling? Why is it important? Discuss the process of culling in detail. (8)
- Q.2. Differentiate between Inbreeding and Cross-breeding. Discuss how selection is done for breeding purposes in cattle: (8)

UNIT - II

- Q.3. (a) Discuss the semen preservation method in brief.
(b) Briefly discuss the pregnancy diagnosis in cattle. (4,4)
- Q.4. **Write short notes on:**
(a) Oestrous cycle
(b) Artificial insemination (4,4)

UNIT - III

- Q.5. (a) Discuss the importance of location and site selection for planning a dairy farm.
(b) Discuss the significance of cleaning and sanitation in a dairy farm. (4,4)
- Q.6. Briefly discuss the different management tips followed for the following:
(a) Care of calf

- (b) Care of pregnant animal
- (c) Care of milch animals
- (d) Care of bulls

(2,2,2,2)

UNIT -IV

Q.7. Write brief notes on:

- (a) Feeding behaviour in sheep
- (b) Important goat breeds

(4,4)

Q.8. (a) Explain the system of housing in sheep and goat.

- (b) Give a brief account of reproductive management in sheep and goat

(4,4)

Q.9. Compulsory Question:

Give a brief account of the following:

- i) Significance of 'Dehorning'.
- ii) Nutrient requirements of calf
- iii) Advantages of embryo transfer technique
- iv) Loose housing system

(2,2,2,2)

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