

1128

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

**First Semester**

**ASC-105: Feeds and Feeding of Animals**

**Time allowed: 3 Hours**

**Max. Marks: 40**

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

x-x-x

I. Attempt the following:-

- a) Define feed supplements.
- b) Define calf starter.
- c) What is meant by chaffing of fodders?
- d) What are feeding standards?
- e) What is silvi-culture?
- f) Name 2 leguminous fodder crops of India.
- g) Define ration.
- h) What is harrowing?

(8x1)

**UNIT - I**

II. How are various nutrients classified? Discuss their role in animal nutrition? (2,6)

III. a) What are feed additives?

b) Discuss their various types and their role in animals.

(2,6)

**UNIT - II**

IV. How will you feed:-

- a) a new born calf
- b) a milch animal
- c) a pregnant animal
- d) a dry animal

(4x2)

V. a) Discuss the qualities of a good and balanced ration.

b) How is feeding important in dairy production?

(4,4)

P.T.O.

(2)

**UNIT - III**

- VI. Briefly discuss grinding, mixing and pelleting of feed ingredients. (8)
- VII. a) Discuss the procurement, evaluation and storage of feed ingredients.  
b) How is the cleaning and fumigation of feed stores carried out? (4,4)

**UNIT - IV**

- VIII. a) Discuss the cultivation practices of legume and non-legume fodder crops.  
b) Discuss the importance of feeding the green fodder for economic milk production. (4,4)
- IX. a) Discuss different forage farm equipment.  
b) How will you prepare vermin-culture from compost? (4,4)

x-x-x