

1057

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

Second Semester

ASC-203: Fodder and Forage Management

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 Fodder
- b) Name some important Hay crops of India.
- c) What are the different types of wastes that are generated on a Dairy farm?
- d) Give the advantages of a Biogas plant.
- e) Name two microbial contaminants of Silage.
- f) Name the different types of losses that can occur while hay preparation.
- g) What is Mowing?
- h) Define Vermi-composting

(8x1)

UNIT – I

II. Discuss the various kinds of Forage conservation options available the year around during lean periods.

III. Write short notes on any two of the following:-

- a) Hay making machinery and equipments
- b) Different phases of Silage Making
- c) Silage additives

(4,4)

UNIT – II

IV. Describe the role of storage facility in Forage conservation methods. (8)

V. a) Briefly discuss the Occupational Health and Safety requirements associated with crop harvesting.

b) What are the safety hazards prevalent on a Dairy farm? (4,4)

P.T.O.

(2)

UNIT – III

- VI. Discuss the scope of harvest management with respect to Forage conservation. (8)
- VII. a) Write a short note on Forage Quality Assessment.
b) Discuss the different types of weather conditions that influence Forage Conservation. (4,4)

UNIT – IV

- VIII. Describe the different types of dairy farm wastes and the means of their disposal. (8)
- IX. a) Discuss briefly the different types of forage spoilage risks.
b) Discuss the environmental impacts of forage conservation activities (4,4)

x-x-x