

SRI VENKATESWARA UNIVERSITY

JR
KVL 8/2

THREE YEAR DEGREE EXAMINATION

II B.Sc. -DAIRY SCIENCE PAPER III; SEMESTER- III

THEORY MODEL PAPER

PAPER-III DAIRY CATTLE NUTRITION

MAXIMUM MARKS: 75

TIME: 3 HOURS

Note to the examiner: To choose a minimum of one question from each Unit.

SECTION -A (SHORT ANSWERS)

Answer any five of the following

5×5=25 Marks

1. What are proteins? Write the importance of proteins in livestock feeding?
2. What is a feed? How do you estimate dry matter of feed?
3. Write about computation of rations.
4. How do you treat paddy straw using urea?
5. What is pasturing? Write the advantages of pasturing
6. How do you differentiate hay and silage?
7. Give a brief note on different types of leguminous fodder used for dairy cattle.
8. Write about the cultivation practices of berseem.

SECTION -B (ESSAY QUESTIONS)

Note: Answer all the following questions .All questions carry equal marks.

5×10= 50 Marks

9. a) Write about the classification of feeds and fodders.

OR

- b) Write the importance of proteins, fats and carbohydrates in livestock feeding

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10. a) Write in detail about hay making

OR

b) Write in detail about conservation of silage

11. a) Write about the feeding standards and balanced rations for dairy cattle.

OR

b) Write in detail about the general feeding practices with regard to management.

12. a) Write the types of fodder varieties.

OR

b) Write in detail about the cultivation practices of Lucerne and Cowpea fodder crops

13 a) Write a note on utilization of agricultural and industrial by-products for livestock feeding

OR

b) How do you enrich poor quality roughages?

INTERNAL EXAMINATION

-25 Marks

20 marks for theory test and 5 marks for Viva Voss



