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SUBJECT CODE NO: B-2071
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. Pattern - 2013 (S.Y SEM-III)
Examination November / December 2025
Dairy Science and Technology - VII Animal Nutrition

[Time: 1:30 Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) Illustrate your answer with labelled diagram.

Q1 Define Lipids. Give its classification. Explain the importance of lipids in animal nutrition. **20**

OR

Describe the various functions of water in the animal body

Q2 Define minerals. Describe the role of minerals in animal nutrition. **20**

OR

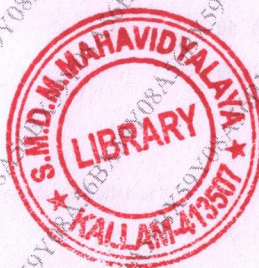
Write short notes on any four of the following:

- a) Rumen
- b) Availability of feeds & fodder.
- c) Roughages
- d) Probiotics
- e) TDN
- f) Energy rich concentrates

Q3 Write the correct answer from following multiple-choice questions. **10**

1) Ruminant stomach is made up of _____ Chambers.

- a) 2
- b) 3
- c) 4
- d) 5



2) Carbohydrates are the major Constituents of most plants of their dry mass mostly as

- a) fructose
- b) maltose
- c) calluses
- d) glucose

3) _____ is the structural and functional unit of cell.

- a) Fat
- b) Protein
- c) Vitamins
- d) Carbohydrates

4) Concentrates are feed which contains more than _____% TDN.

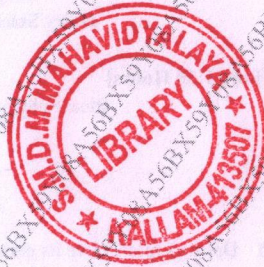
- a) 40
- b) 50
- c) 60
- d) 70

5) Vitamin _____ is called antitreaty Vitamin.

- a) A
- b) D
- c) E
- d) K

6) _____ is the example of concentrate feed

- a) Hay
- b) Leaves
- c) Straw
- d) GNC



- 7) _____ is an example of monosaccharides
- a) Glucose
 - b) Lactose
 - c) Maltose
 - d) Sucrose
- 8) Dry roughages contains _____ % moisture.
- a) 10-15
 - b) 25-30
 - c) 30-35
 - d) 35-40
- 9) The average nitrogen contents Protein is _____ %
- a) 10
 - b) 16
 - c) 30
 - d) 26
- 10) Cotton seed cake contains _____ which is dangerous to calves.
- a) Methionine
 - b) Gossy pol
 - c) HCN
 - d) EAA

