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SUBJECT CODE NO:- B-2267
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. S.Y (Sem-III)
Examination November/December-2022
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) Attempt all questions
 - 2) Illustrate your answer with suitable diagram.
- Q. 1
- 1) Define lipids. Describe the importance of lipids in animal body. 20
- OR**
- 2) Define feed stuff. Describe the nutritional characteristics of roughages.
- Q. 2
- Enlist the parts of digestive system of ruminants. Explain ruminant stomach. 20
- OR**
- Write short notes on any four of the following.
- a) Sources of water in animal body
 - b) Feed supplements
 - c) Harmons
 - d) Energy rich concentrates
 - e) Minerals
 - f) Function f proteins
- Q. 3
- Write correct answer from following multiple choice questions. 10
- 1) The greatest amount of water in the body tissue will be found as _____.
- a) Extra cellular water b) Intra cellular fluid c) G.I tract d) Blood plasma

2) Carbohydrates are the major constituents of most plants of their dry mass mostly as ____.

- a) Fructose b) Maltose c) Cellulose d) glucose

3) _____ is an example of monosaccharides

- a) Glucose b) Lactose c) Maltose d) Sucrose

4) _____ is the structural and functional units of cell.

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

5) _____ is an example of micronutrients

- a) Fe b) I c) ca d) co

6) Concentrates are feeds which contains more than _____ %TDN.

- a) 60 b)70 c) 80 d) 90

7) Corps having thick and solid stem are selected for _____ making.

- a) Silage b) Hay c) Unconventional feed d) None of these

8) _____ is the example of concentrate feed.

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

9) _____ is an example of cereal forage corp.

- a) Sorghum b) Bersccm c) Cow pea d) Lucerne

10) Vitamins A,D,E & K are soluble in _____

- a) Fat b) Water c) Alcohol d) All of these