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SUBJECT CODE NO:- 2267
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc S.Y (Sem-III)
Examination March/April-2022 (To be held in June/July-2022)
Dairy Science and Technology - VII
Animal Nutrition

[Time: 1:53 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

- N.B
- i. Attempt all questions.
 - ii. Illustrate your answer with suitable labeled diagram.
- Q.1 Define protein. Describe the role of proteins in animal Nutrition. 20
- OR
- Describe the Nutritional characteristics of concentrates. 20
- Q.2 Define Vitamins. Give its classification. Explain the importance of Vitamins in animal Nutrition. 20
- OR
- Write short notes on any four of the following. 20
- a) Livestock population
 - b) Dry roughages
 - c) Antibiotics
 - d) Classification of feedstuff
 - e) TDN
 - f) Factors affecting digestion of feed.
- Q.3 Write correct answer of the following multiple choice questions 10
- 1) India has -----% of world's buffalo population.

a) 4>	b) 5>
c) 6>	d) 7>
 - 2) In general, water makes up about ----- of the fat free animal body weight.

a) 1/3	b) $\frac{1}{2}$
c) 2/3	d) 3/4
 - 3) ----- is an example of disaccharides.

- a) Glucose
c) Lactose
- b) Fructose
d) Galactose.
- 4) The oxidative rancidity is occur due to oxidation of -----
a) Fat
c) Minerals
- b) Protein
d) Carbohydrates.
- 5) Vitamin ----- is called antisterility vitamin.
a) A
c) E
- b) D
d) K
- 6) The animal body contains about -----% of mineral matter.
a) 3-5
c) 7-9
- b) 5-7
d) 9-11
- 7) ----- number of incisors are present in the lower Jaw of cattle.
a) 6
c) 10
- b) 8
d) 12
- 8) Green roughages contains ----- moisture
a) 50-60%
c) 10-15%
- b) 60-90%
d) 15-25%
- 9) Microbial digestion takes place in ----- compartment of ruminant stomach.
a) Reticulyn
c) Omasym
- b) Abomasym
d) Rumen
- 10) ----- is an example of energy rich concentrates.
a) Oilseed Cake
c) Pulse chuni
- b) Cereal grains
d) fish meol.