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SUBJECT CODE NO:- B-2129
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. S.Y (Sem-III) Examination OCT/NOV 2019
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

- i) Attempt all questions.
- ii) Illustrate your answer with well labeled diagram.

Q.1 What are concentrates. Give its classification & enlist nutritional characteristics of concentrates. 20

OR

Define carbohydrates. Give its classification and describe nutritional characteristics of carbohydrates. 20

Q.2 Define 'Lipids', classify and describe importance of lipids in digestion of ruminants. 20

OR

Write short notes on any four of the followings 20

- a) Crude fibre
- b) Roughages
- c) Omasum
- d) EAA
- e) Minerals
- f) Sources of water & its requirement

Q.3 Write correct answer of the following multiple choice questions. 10

- 1) _____ is called as true stomach of ruminants
 a) Omasum b) Abomasum c) Rumen d) Reticulum
- 2) _____ has honey comb like structure on its inner side.
 a) Rumen b) Reticulum c) omasum d) Abomasum
- 3) _____ is an example of nonessential amino acid
 a) Leucine b) Lysine c) Valine d) Proline
- 4) _____ is an example of oligosaccharides
 a) Ribose b) Glucose c) fructose d) lactose
- 5) Phospholipids, Glycolipids & sterols are _____
 a) simple lipids b) Compounds lipids
 c) Derived lipids d) None of these
- 6) Fat soluble Vitamins contain _____.
 a) Carbon b) Hydrogen c) oxygen d) all above

- 7) _____ is not an example of major mineral.
 a) Iron b) calcium c) Phosphorous d) Potassium

- 8) _____ is not included in dry roughages.
 a) silage b) paddy c) Wheat straw d) Jawar-Kadbi

- 9) Concentrates contain less than _____ % crude fibre.
 a) 8 b) 18 c) 60 d) 80

- 10) _____ is an example of trace mineral
 a) zink b) copper c) Iron d) All above