

Q1- Define the following words

Animal Nutrition , Nutrients , Nutritious , Nourish , Feed , Diet , Additives, Ration , Balanced ration, Complete ration .

Q2- Fill the following blanks.

- 1- **Nutrition Steps** is , , , , and resulting ,
- 2- Animal Nutrition means (all the **processes** whereby food and oxygen are presented to and utilized by living cells, and waste products are
- 3- The chief classes of nutrients include- 25 carbohydrates, 15 fatty acids, **20** , **15 essential** and 10 probably , 20 vitamins.
- 4- The diet of farm animals in particular consists of plants and
- 5- The content of water decreases with
- 6- The term carbohydrate was originally coined because these molecules were believed to beof carbon, having the general formula
- 7-can be converted to glucose readily in the liver
- 8- Carbohydrates make up% of swine diets (and also poultry diets), thus important from a nutritionalas well as an economical standpoint.
- 9- Carbohydrates make up 75% ofof many plants on which manyprimarily depend on.
- 10-Polysaccharides have C including ,
- 11-the energy stored as carbohydrates or glycogen is very small - e.g., in 70kg man: Stored carbohydrates = (350 g muscle glycogen, 85 g liver glycogen, and 20 g glucose in ECF). vs fat =
- 12-Glucose is formed in the liver from glycogen byand de-branching enzyme and also by

Q3- What is the Role of nutrition in animal production and health?

Q4- Discuss Distribution of water.

Q5- What is Role of water ?

Q6- Enumerate the sources of water.

Q7- Enumerate Source of Blood Glucose

Q9- Draw A: Basic parts of elementary canal

B: Glycogen breakdown

C: Entrance and removal of blood glucose

D: Glucose Anabolism

Q10- What the mean of Glycogenesis & glycogenolysis

Q11- What the source of Source of Blood Glucose?