Click to download more NOUN PQ from NounGeeks.com



NATIONAL OPEN UNIVERSITY OF NIGERIA

University Village, Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi, Abuja Faculty of Agricultural Sciences

POP Questions 2021_1, 17836

Course Title: Animal Production Resources

Course Code: ANP 511

Credit Unit: 2

Total Score: 70 Marks Time Allowed: 2 Hours

INSTRUCTION:

Answer Compulsory question 1 (30 marks) and any 2 questions (20 marks each)

Question one

- a) State concisely how you would carry out different aspects of quality control in feedstuff (10marks)
- b) Explain four (4) basic Processing Methods for Roughage (8 marks)
- c) Outline four (4) advantages of Succulent feeds in animal nutrition (4 marks)
- d) Write short notes on the following
 - i. Feather and Hair Meals (5 marks)
 - ii. Nonprotein Nitrogen (NPN) (3marks)

Question two

- a) How would you identify animal proteins? (8 marks)
- b) What role does fishmeal as a protein source play in animal nutrition (7 marks)
- c) Explain the relevance of Single Cell Protein in animal nutrition. (5 marks)

Question three

- a) Explain the nutritional importance of fishmeal and state three (3) limitations to its usage in livestock feed (11 marks)
- b) What do you understand by molasses; state the relevance of this product in livestock feeding (9 marks)

Question four

- a) Mr Audu wants to use sunflower seed in formulating his livestock feed; what are the factors he should consider in incorporating such a product. (6 marks)
- b) How would you convince a farmer of the nutritional relevance of maize in his livestock feed. (9 marks)
- c) Give five (5) reasons why feed materials need to be processed (5 marks)