

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**FACULTY OF AGRICULTURAL SCIENCES**

**DEPARTMENT OF ANIMAL SCIENCE & FISHERIES**

**Examination Questions:** January, 2018

**Course Title:** Non-Ruminant Animals

**Course Code**: AEM 723 (2cu)

**Instructions:** Total marks = 70. Question 1 is compulsory (25 marks), then answer any other 3 out of the 5 that follow 15 marks each).

**Time Allowed:**  2 Hours

1a. What do you understand by the term poultry? 4 Marks

1b. Under 4 headings, discuss the place of pigs in the Nigerian livestock sector 4 Marks

1c. Elaborate on any Rabbit By-Products. 12 Marks

1d. Sketch a Tube feeder – with portion cut away to show detail. Discuss the tray in relation to sufficiency for mature birds. 5 Marks

2. In a tabular form, sketch a vaccination schedule for pullets 15 Marks

3a. Elaborate on any 6 measures of disease control in pigs. 12 Marks

3b. Define nutrient deficiency disease as relates to poultry. 3 Marks

4 a. Discuss (a) The storage of eggs in the tropics and 8 Marks

(b) Any 3 methods of egg processing and preservation used in developed countries. 7 Marks

5a. Briefly discuss 3 rules of thumb for feeding sows and 2 for feeding boars 3 Marks

5b. Describe any 3 traditional turkey breeds 12 Marks

6a. Identify five characteristics of under developed poultry market economy and their outcomes in Nigeria 10 marks

6b. Mention five exotic breeds of pigs found in Nigeria 5 marks

***Goodluck***