

Mansoura University
Faculty of Agriculture
Department of Poultry Production
Course Title: Poultry Nutrition
Course Code: Pol 306
Full Assessment: 60 Marks



Academic Year: 2015/2016
Semester: Second Term
Exam Type: Final (Written)
Level & Program Studied: 3rd (APF)
Exam Date: 8 June, 2016
Exam Time: Two Hours

(The exam is composed of 5 pages)

Answer all the following questions:

First Question (10 Marks): The answer must be written in the same page.

Write the scientific terms corresponding to the following phrases:

1. The science that integrates knowledge of biochemistry and physiology into a unifying concept of the relationships between an organism and its food supply.
2. The organic compounds required in minute amounts for normal growth, production, reproduction, and health.
3. Polymers of more than ten simple monosaccharides.
4. A form of carbohydrate that is essential for the elimination of waste materials and toxins from the body systems.
5. A measure of the solidification temperature of fat.
6. An essential dietary fatty acid for poultry.
7. The building blocks of body proteins.
8. A common chamber into which the digestive, urinary and reproductive tracts open.
9. The process by which the food is broken down into absorbable nutrients.
10. Finger-like projections along the small intestinal wall which increase its surface area for greater absorption.

Answer to the First Question:

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

The answer must be written in the same page

1. Essentiality of amino acids for poultry.
2. Factors affecting water intake by poultry.
3. Carbohydrate digestion in poultry.
4. Factors affecting the digestibility of nutrients in poultry.

The Answer to the Fifth Question:

1. Essentiality of amino acids for poultry:

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4. Factors affecting the digestibility of nutrients in poultry:

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"With our best regards for success"

Examiners:

Prof. Dr. Khalil El-Shahat Sherif

Kh. Sherif

Prof. Dr. Mahmoud Hassan Rabie

M. H. Rabie