Salahaddin University – Erbil Sub: Poultry management/ Theory

College of Agricultural Engineering Sciences Stage; Third

Department of Animal Resource

Q1/ Define the followings:

1- Ventilation

2- Relative humidity

3- Photo period

4- Poultry housing

5- Stocking density

Q2/ Fill in the blanks with correct words, numbers and sentences.

1- The steps for optimal poultry management for the breeders are:

1 **----------------------------**, 2 **-----------------------------** and 3 **------------------------------**

2- Chickens do their normal performance and welfare when the temperature is

**--------------------** and relative humidity is **---------------------** inside the house.

3- Complete the table below:

|  |  |  |
| --- | --- | --- |
| Hazard level | Ideal level |  |
| .................. | <10 ppm | Ammonia NH4 |
| .................. | .................. | Carbon dioxide CO2 |

4- Layers light program during growing period is **--------------------------** and during production period (laying) is **----------------------------**.

5- The quality of chicks should be; 1**--------------------------,** 2 **---------------------------** and 3 **---------------------------**.

Q3/ Mention only three in each one.

1- What are the main importance's of ventilation in poultry houses?

2- Factors affecting of stocking density.

3- The stages of negative pressure ventilation.

Q4/ Explain the causes of each point below.

1- Layers are more sensitive to light intensity than broilers. Why?

2- Why newborn chicks cannot regulate their body temperature?

3- Why ventilation varies more effective in the summer than in the winter season.

Good luck…………………….

Signature

Dr. Alaa abdulmajeed

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Q1/ Define the followings:

1- Poultry housing

2- Relative humidity

3- Thermoneutral zone

4- Stocking density

5- Photo period

Q2/ Fill in the blanks with correct words, numbers and sentences.

1- The physical quality assessment of chicken male are **------------------------------- , -----------------------------**, **-----------------------------** , and **---------------------------**.

2- The light intensity at housing should be **------------------** lux in light-controlled houses and **---------------------** in open-sided houses.

3- Chickens do their normal performance and welfare when the temperature is

**--------------------** and relative humidity is **---------------------** inside the house.

4- There are three types of poultry feed Processing **----------------- , ---------------** and **-------------------.**

5- Normal density of broilers **-------------------------** and layers **-------------------------**.

Q3/ Answer the followings.

1- Write the methods to reduce moisture in the poultry houses.

2- What are the main importance's of ventilation in poultry houses?

3- Write the types of mechanical ventilation in closed environment housing**.**

Q4**/** Explain the causes of each point below.

1- Why humidity is important at the beginning of chicks age?

2- Why newborn chicks cannot regulate their body temperature?

3- Light intensity in the brooding period during the first few days should be bright (30-50 lux) why?

Good luck…………………….

Signature:

Dr. Alaa abdulmajeed