**Q1/ Calculate Floor area and Straight feeders No. required for 1000 broiler chicks till 42 days of age till reach the average marketing target weight 2600 gm. Get benefit from the information mentioned in the table below.**

**(20 Marks)**

|  |  |
| --- | --- |
| **Floor area (chicken/m2)** | **Straight feeder No. (chicken/m)** |
| **10** | **40** |

**Q2/ Calculate the production index efficiency for a flock, if you know that:**

**Average initial body weight = 42 g**

**Average marketing weight at 42 days = 3200 g**

**Feed conversion ratio = 1.7**

**Mortality % = 3 %**

**Is the flock efficient? Why? (20 Marks)**

**Q3/ Calculate the dressing percentage without giblets, if you know that:**

**Carcass weight = 2600 g**

**Live body weight = 3200 g (10 Marks)**

**Q1/ Answer the following:**

1. **Classify chicken on the basis of production and write a breed specialized for each product. (15 Marks)**
2. **Write an example about duck breeds upon their production. (10 Marks)**
3. **Poultry meat consumption is gaining popularity because of (10 Marks)**
4. **Explain the total process of raising meat type chickens from parent’s stock farm (breeder farm) to freezer, by a diagram. (15 Marks)**
5. **Bird Distribution (Behavior) under brooder at rearing farm, via diagram**

**(16 Marks)**

**Q2/ Calculate Floor area; Drinker No. and Straight feeders No. required for 7000 broiler chicks till 42 days of age till reach the average marketing target weight 2600 gm. Get benefit from the information mentioned in the table below. (9 Marks)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Floor area (chicken/m2)** | **Drinker No. (chicken/drinker)** | **Straight feeder space (cm/chicken)** | **Straight feeder No. (chicken/m)** |
| **9** | **30** | **4** | **40** |

**Q3/ A/ Mention the following (10 Marks) (answer only one)**

1. **Marketing channels chain depend on….**
2. **Arrange sequentially the following missions that done at slaughter houses**
3. **Weighting and grading b) Stunning**
4. **Chilling d) Scalding**
5. **Bleeding f) Live birds supply**
6. **De-feathering h) Evisceration**
7. **Partitioning and packaging j) Giblet harvesting**

**Q3/ B/ Calculate the production index efficiency for a flock, if you know that:**

**Average initial body weight = 42 g**

**Average marketing weight at 35 days = 2300 g**

**Feed conversion ratio = 1.7**

**Mortality % = 3 % (15 Marks)**

**Q1/ Answer the following: (65 Marks) (Leave only 1 branch that is on 5 marks)**

1. **Broiler farming is in boom, Why? (10 Marks)**
2. **Poultry meat consumption varies by country/region all over the world, the differences in consumption are result of many factors as: (10 Marks)**
3. **The systems of rearing refer to either ---------------- or ------------------. (5 Marks)**
4. **Stocking density means (5 Marks)**
5. **What is the floor space requirement for broilers? (10 Marks)**
6. **The most common marketing channels involved in broiler marketing are: (10 Marks)**
7. **Minimizing stress during transport is an important issue (10 Marks)**
8. **Steps in marketing live broilers (5 Marks)**
9. **Records management (5 Marks)**

**Q2/ Calculate Floor area; Drinker No. and Straight feeders No. required for 5000 broiler chicks till 35 days of age till reach the average marketing target weight 2600 gm. Get benefit from the information mentioned in the table below. (10 Marks)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Floor area (chicken/m2)** | **Drinker No. (chicken/drinker)** | **Straight feeder space (cm/chicken)** | **Straight feeder No. (chicken/m)** |
| **9** | **30** | **4** | **50** |

**Q3/ Calculate the production index efficiency for a flock, if you know that:**

**Average initial body weight = 42 g**

**Average marketing weight at 35 days = 2575 g**

**Average Feed intake/bird during rearing period = 3.36Kg**

**Mortality % = 1.86 % (25 Marks)**