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Register Number:

Name of the Candidate:

7912

DIPLOMA EXAMINATION, 2013

(POULTRY MANAGEMENT)

110: BROILER MANAGEMENT

December]

[Time : 3 Hours

Maximum : 100 Marks

I. Choose the correct answer:

5 x 1 = 5

1. Breast blisters are more common in
 - a) Cage system
 - b) Deep liter system
 - c) Slat and floor system
 - d) Both (a) and (c)
2. At starting time, the height of the brooder or hover shall be about
 - a) 1 feet above the litter
 - b) 3 feet above the litter
 - c) 4 feet above the litter
 - d) 2.5 feet above the litter
3. Feet is the single largest expenditure in broiler production accounting for
 - a) 30 percent
 - b) 60 percent
 - c) 90 percent
 - d) 20 percent
4. Orientation of the broiler houses is
 - a) East-West
 - b) South-West
 - c) North-South
 - d) South-East
5. Commercial broiler strain is
 - a) Bovans
 - b) BV 300
 - c) Vencobb
 - d) White leghorns

II. Fill in the blanks:

10 x 1 = 10

1. The two types of integration in broiler production are _____ and _____.
2. The farm location must be at least _____ away from the nearest poultry farm.
3. The ideal temperature inside the broiler house is _____ °C.
4. Commercial broilers are usually reared in _____ system.
5. Broiler meat contains _____% protein.
6. Infectious bursal disease is caused by _____.
7. The moisture content in the litter should not exceed _____.

8. The energy and protein content of broiler starter ratio is _____ and _____.

III. Define any FIVE of the following:

5 x 2 = 10

1. Feed conversion efficiency.
2. Vertical integration.
3. Freezer burn.
4. Over hang.
5. Phase feeding.
6. Perosis.
7. Broiler.

IV. Write short notes on any FIVE of the following:

5 x 5 = 25

1. Factors influencing litter quality.
2. Infra red brooding.
3. Selection of site for location of broiler farm.
4. Growth promoters.
5. Sanitizing the drinking water.
6. Computer controlled broiler house.
7. All-in-all-out system.

V. Write an essay on any FIVE of the following:

5 x 10 = 50

1. Prepare a bankable broiler farm project for marketing 1,000 birds per week.
2. List out the nutrients requirements of broiler starter and compute the ration for broiler starter mash with locally available feed ingredients.
3. a) Discuss about the merits and demerits of cage and deep litter system of housing broilers.
b) List out the merits and demerits of all-in-all-out system of rearing broilers.
4. Write in detail about the slaughtering techniques in broilers along with the dressing procedures and cut up parts to prepare ready to cook broilers.
5. List out the disease affecting broilers and discuss in detail about the bio-security measures to be taken for control of poultry diseases.
6. Write in detail about the broiler integration.
7. Write in detail about the cause, symptoms, prevention and control of Ranikhet disease.

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