



**VISVA-BHARATI
PALLI SIKSHA BHAVANA
(INSTITUTE OF AGRICULTURE)
DEPARTMENT OF ANIMAL SCIENCE**

**Final Examination – Theory 2017 (Third Sem)
Course: PSC- 504
(Commercial Broiler Production)**

Time: 3 Hours

Max Marks: 50

Explain the following (any five)

(10×5= 50)

- 1) What is Broiler? Mention different breeds used as broiler in India with their production potential. 2+8=10
- 2) What do you mean by ‘brooding’? Mention temperature requirement and light requirement during brooding period from day-old up to marketing. 2+8=10
- 3) a) Enumerate the vaccination schedule in broiler.
b) What is ‘Bio-Security’? What are the points to be covered in respect of bio-security? 5+5=10
- 4) a) What are the different ways of marketing of broilers?
b) What are the different factors for calculating price of broiler? 5+5=10
- 5) Mention different type of poultry ration used in India with the formulation. 10
- 6) Prepare layout and design of a broiler house. 10
- 7) Write short notes on (any four): 4×2.5=10
 - a) Calorie-protein ratio
 - b) Broiler farm records
 - c) FCR
 - d) Transport of broilers
 - e) Diseases of broilers
 - f) Debeaking



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Time: 3 Hours

Max Marks: 50

Explain the following (any five) (10×5= 50)

1. Define 'Broiler'. How are broiler birds prepared? 2+8=10
2. Enumerate day-to-day management of broiler birds from day old to marketing age. 10
3. 'Bio-security is must in a poultry farm' – Justify in details. 10
4. Compute the ration of broiler birds for a) Growing period and b) Finishing period. 5+5=10
5. What do you mean by loss of diminishing return? Co-relate it with broiler production. 5+5=10
6. Mention different housing of broilers with detail infrastructures and merits of different types. 10
7. Write short notes on (any four): 4×2.5=10
 - a. Debeaking
 - b. Gumbaro disease
 - c. Brooding
 - d. Restriction
 - e. Dressing percentage
 - f. Morbidity and Mortality



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Time: 3 Hours

Max Marks: 50

Explain the following (any five) (10×5= 50)

1. What are the criteria of site selection for construction of broiler farm? 10
2. What are the major practices to be followed for preventive management of diseases in broiler farm? 10
3. Classify different feed ingredients used in broiler feeding, along with examples. 10
4. Describe the methods of ensuring Bio-security in a broiler farm. 10
5. Give details about drinking water management in broiler farm. 10
6. Write about seasonal impact (Summer/Winter/Monsoon) on Broiler production. What are the special precautions taken during different seasons? 5+5=10
7. Write short notes on (any four): 4×2.5=10
 - a. Feed Conversion Ratio
 - b. Care of day-old-chick
 - c. Disinfection of poultry shed
 - d. Water borne diseases in broilers
 - e. Marek's Disease
 - f. Deep litter system



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**Final Examination – Theory 2020 (Third Sem)
Course: PSC- 504
(Commercial Broiler Production)**

Time: 3 Hours

Max Marks: 50

Explain the following (any five) (10×5= 50)

1. What are the different factors for calculating price of broilers? 10
2. Mention day-to-day management of broiler, from day old to marketing age. 10
3. What do you mean by ‘law of diminishing return’? Co-relate it with broiler production. 5+5=10
4. Classify different feed ingredients used in broiler feeding along with examples. 10
5. Describe different housing of broilers with detail infrastructures and merits of different types. 10
6. What do you mean by ‘broiler’? Mention different breeds used as broiler in India. 10
7. Write short notes on (any four): 4×2.5=10
 - a. Feed Conversion Ratio
 - b. Dressing Percentage
 - c. Deep Litter System
 - d. Summer trees in broiler
 - e. Gumboro Disease
 - f. Light requirement in Broilers



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**Final Examination – Theory 2021 (Third Sem)
Course: PSC- 504
(Commercial Broiler Production)**

Time: 3 Hours

Max Marks: 50

Explain the following (any five) (10×5= 50)

1. What are the criteria of site selection for construction of broiler farm? 10
2. Enumerate day-to-day management of broiler birds from day old to marketing age. 10
3. 'Bio-security is must in a poultry farm' – Justify in details. 10
4. Compute the ration of broiler birds for a) Growing Period and b) Finishing Period. 5+5=10
5. What do you mean by 'law of diminishing'? Co-relate it with broiler production. 5+5=10
6. Mention different housing of broilers with detail infrastructures and merits of different types. 10
7. Write short notes on (any four): 4×2.5=10
 - a. Feed Conversion Ratio
 - b. Gumbaro Disease
 - c. Brooding
 - d. Restriction of feed
 - e. Dressing Percentage
 - f. Morbidity and Mortality



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**Final Examination – Theory 2022 (Third Sem)
Course: PSC- 504
(Commercial Broiler Production)**

Time: 3 Hours

Max Marks: 50

Explain the following (any five) (10×5= 50)

1. (a) What are the desirable characteristics of a bird to designate it as a 'broiler bird'?
Layout the design to establish a commercial broiler farm. 2 + 8 = 10
2. (a) How the water quality affects the gut health of broiler birds?
(b) Write down the strategies to improve the poultry litter quality. 5 + 5 = 10
3. (a) Define FCR. What is the ideal FCR in today's commercial farming for broiler birds?
How can you improve it? 2 + 2 + 6 = 10
4. Differentiate between the following: (any two) 2 X 5 = 10
 - (a) Feeding during hot weather vs feeding during winter
 - (b) Starter feed formula vs Finisher feed formula
 - (c) Mash feeding vs Pellet feeding
5. Write in brief: (any two) 2 X 5 = 10
 - (a) Routine Vaccination Schedule in a broiler farm
 - (b) Water Quality Management in a commercial farm
 - (c) Different methods of rearing the broiler birds.
6. Short Notes (any four) 4 X 2.5 = 10
 - (a) Brooding
 - (b) Forced moulting
 - (c) Sexing of birds
 - (d) Marketing of birds
 - (e) Phase feeding
 - (f) All in all out system of rearing