

**Agriculture and Forestry University**  
**Faculty of Agriculture**  
**B.Sc.Ag. Third semester**  
**Final Practical Examination 2080**

**Subject:** Pig and Poultry Production, LPM 203 (1+1)

**Time:** 45 minutes

**Exam Roll number:**

**Name:**

**F.M.:** 15

**P.M.:** 06

1. Formulate broiler ration containing 24 % crude protein (CP) using following ingredients. (5)

S.N.	Ingredients	CP%	Inclusion rate
1	Maize	9	60
2	Rice Polish	12	30
3	Soyabean Meal (SBM)	42	40
4	Fish meal (FM)	60	5

2. Define candling. Write the importance's of candling. How would you differentiate fertilized and unfertilized egg through candling? (1+1.5+1.5)
3. Write short notes: (Any three) (2\*3=6)
- a. Shape index (SI) of egg
  - b. Identification in Fowl
  - c. Caponization
  - d. Grading of an egg

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**P.M.: 02**

**Choose the correct answer.**

**Multiple choice questions: (10\*0.5=5)**

1. In zoological classification, swine belongs to..... family.  
a. Bovidae                      b. Suidae                      c. Artiodactyla                      d. Phasianidae
2. In hogs, needle teeth means.....teeth.  
a. 4 pairs of canine                      b. 4 pairs of incisor  
b. 2 pairs of incisors & 2 pairs of canine                      d. Both a & b
3. Value of shape index (SI) for normal egg is .....  
a. < 72                      b. 72-76                      c. >76                      d. None
4. Which of the following is/are basis of culling in poultry?  
a. Pigmentation                      b. Molting                      c. Egg quality                      d. Both a & c
5. Origin of Landrace is in .....  
a. England                      b. Denmark                      c. Spain                      d. Nepal
6. Which of the following breed of poultry laid highest number of egg?  
a. Dumse                      b. Black Australop                      c. Rhode Island Red                      d. Sussex
7. Space requirement for pregnant sow in farrowing pen is ..... sq. meter/animal.  
a. 6-7                      b. 7-9                      c. 9-12                      d. 2-3
8. Which of the following part possess highest value in egg composition?  
a. Air cell                      b. Yolk                      c. Shell                      d. Egg white
9. Normal weight of chicken egg during selection for hatching purpose is.....gram.  
a. 40-45                      b. 50-55                      c. 60-65                      d. 70-75
10. In artificial brooding, height of the brooder guard should be around ..... Feet.  
a. 0.5                      b. 1.5                      c. 2                      d. 2.5