

**End Semester/Reappear (Semester III) Examination December 2022**

**Programme: B. Sc. (Hons.) Agriculture**  
**Course: Livestock and Poultry Management**  
**Course Code: 13A.216**  
**Enrollment No: \_\_\_\_\_**

**Full Marks: 50**  
**Time: 2 Hrs.**

**Section I**

- 1. Short Answer type questions. Answer any four. 4 x 5 = 20**
- Explain briefly the construction details for a shed of poultry.
  - List important Indian and exotic breeds of buffalo and their characteristics.
  - Distinguish between concentrate and roughages with examples.
  - List the different viral diseases, their effects and preventive measures.
  - Draw a neat and clean diagram of female reproductive system of animals and label it.
  - Enumerate all the types of nutrients present in feedstuff and their functions.

**Section II**

- Long answer type questions. Answer any two. 2 x 15 = 30**
- How will you design a good farm building for the welfare of livestock?
  - Which Indian and exotic livestock breeds would you recommend to farmers in India's north-eastern region? Write your answer with supporting facts and figures.
  - Briefly explain Incubation, hatching and brooding.
    - Describe key points for care and management of goat.
  - Explain key points for general care and management of calf and heifer.
    - Summarise vitamin and mineral deficiency diseases in livestock and poultry.

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