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Enrollment No.....



**Faculty of Agriculture**  
**End Sem Examination Dec-2023**  
**AG3CO24 Livestock & Poultry Management**  
 Programme: B.Sc. (Hons.)    Branch/Specialisation: Agriculture

**Duration: 3 Hrs.****Maximum Marks: 50**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

- Q.1 i. A draught breed of cattle is- **1**  
 (a) Gir (b) Malvi (c) Deoni (d) Murrah
- ii. The Zoological name of sheep is- **1**  
 (a) Bubalus bubalis (b) Ovis aries  
 (c) Capra hircus (d) Camellus domesticus
- iii. The largest producer of milk in the world is- **1**  
 (a) India (b) Japan (c) China (d) USA
- iv. Who is the person closely associated with operation flood programme and was honoured by Padma Vibhushana and died recently? **1**  
 (a) Dr. Verghese Kurien (b) Dr. M.S. Swaminathan  
 (c) Dr. Amartya Sen (d) Dr. Amrita Patel
- v. Cow milk is generally richer than buffalo milk in- **1**  
 (a) Fat (b) Carotene (c) Minerals (d) Proteins
- vi. The Goat belong to the genus- **1**  
 (a) Capra (b) Sus (c) Bos (d) Aries
- vii. A normal Dry Period of cow should be- **1**  
 (a) 60-65 days (b) 90-100 days  
 (c) 100-120 days (d) 120-150 days
- viii. The gestation period of cow is- **1**  
 (a) 150 days (b) 280 days (c) 310 day (d) 365 days
- ix. Indian veterinary Research Institute is located at- **1**  
 (a) Delhi (b) Karnal (c) Izatnagar (d) Jhansi

- x. Pashmina is produced from one of the following breeds of goat- **1**  
 (a) Jamunapari (b) Beetal  
 (c) Kashmiri (d) Angora

- Q.2 i. Define livestock. **1**  
 ii. Write the care and management of milch animals. **2**  
 iii. Explain role of livestock in the national economy. **5**  
 OR iv. Explain housing principles of animal. **5**

- Q.3 i. Define animal breed. **1**  
 ii. Explain characteristics of murrah breeds of buffalo. **3**  
 iii. What are the characteristics of Sahiwal breed? **4**  
 OR iv. Explain characteristics of Jamunapari breeds of goat. **4**

- Q.4 i. What is feed stuffs? **2**  
 ii. Explain feed formulation. **6**  
 OR iii. Write the primary digestive system of livestock. **6**

- Q.5 i. Define animal ration. **2**  
 ii. Write the importance of legume Roughages. **2**  
 iii. Write the classification of silage based on colour and test. **4**  
 OR iv. Explain feed supplements and feed additives. **4**

- Q.6 Attempt any two: **4**  
 i. Foot-and-mouth disease of cattle. **4**  
 ii. Explain general principles for prevention of diseases. **4**  
 iii. Explain Ranikhet disease of poultry. **4**

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