

**FACULTY OF SCIENCE**

B.Sc. CBCS I-Year (I-Semester) Regular Examinations, February/March-2023

Dairy Science-I  
(Dairy Husbandry-I)

Time: 3 Hours

Max Marks: 80

**SECTION-A**

(4x5=20 Marks)

Answer any Four questions from the following

1. Write a note on indigenous breeds of dairy cattle.
2. Add a note on milk production statistics.
3. Lacto genesis.
4. Cleaning of milk utensils.
5. Write about five body scoring systems used in assessing the health status of an animal.
6. Full hand knuckling and machine milking.
7. Outbreeding.
8. Transgenic animals.

**SECTION-B**

(4x15=60 Marks)

Answer all the following questions

9. (a) Describe the exotic breeds of buffaloes and goats.  
(OR)  
(b) Write an essay on cattle and Buffalo population and its distribution in India.
10. (a) Explain the development of Udder in detail.  
(OR)  
(b) Write an essay on milking procedure and practices for the clean milk production.
11. (a) Write about Pedigree Selection which is a method to improve milk production in indigenous breeds.  
(OR)  
(b) Write a note on economic traits of dairy cattle.
12. (a) Explain the breeding systems suitable to enhance milk production in India.  
(OR)  
(b) Describe the multiovulation and embryo transfer technique in dairy cattle.