

**FACULTY OF SCIENCE**  
B.Sc. (CBCS) II-Year (III-Semester) Regular Examinations, Dec-2022/Jan-2023  
Dairy Science-III  
(Dairy Cattle Nutrition)

Time: 3 Hours

Max Marks: 80

**SECTION-A**

(4x5=20 Marks)

Answer any Four questions from the following

1. Functions of rumen.
2. Classification feeds and fodders.
3. Legume fodders.
4. Large intestine.
5. Dry fodders.
6. Importance of feeding standards.

**SECTION-B**

(4x15=60 Marks)

Answer all the following questions

7. (a) Describe how nutrients are digested in the rumen.  
(OR)  
(b) Describe digestive system with neat labelled diagram.
8. (a) Write in detail cultivation practices of Para grass and Cow Pea.  
(OR)  
(b) Describe package of practices of Berseem and Jowar fodder.
9. (a) Write in detail Feeding management of Dairy animals.  
(OR)  
(b) Describe in detail Feeding standards of lactating dairy cattle and pregnant dairy cattle.
10. (a) Explain the utilization of agricultural and industrial by products in Dairy cattle feeding.  
(OR)  
(b) What are the seasonal and perennial fodders and write about enrichment of poor quality roughages?