

B.Sc. Semester-IV Examination, 2022-23**FORESTRY [Honours]**

Course ID : 43517 Course Code : SH/FST/NR 2208

Course Title : Rangeland and Livestock Management

Time : 2 Hours

Full Marks : 50

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Write a definition or one sentence answer any **ten** of the followings: $1 \times 10 = 10$

- a) Prairies grassland
- b) Rangeland
- c) Carrying capacity
- d) Pampas grass land
- e) Parturition
- f) Flax
- g) Name the two Indian buffaloes. What is corn feed?
- h) What is corn feed?
- i) Tundra grassland
- j) What is fauna?

- k) Steppe
- l) Tending operation
- m) Origin of Sahiwal
- n) Tropical rain forest
- o) Zoological name of buffalo.

2. Write short notes / define any **ten** of the followings:

 $2 \times 10 = 20$

- a) Importance of cattle breed
- b) Composition of cow milk.
- c) Integrated livestock crop farming
- d) Difference between grazing and browsing
- e) What is desert grassland?
- f) What is forage animal with suitable example?
- g) Mention two Indian buffaloes' group.
- h) Merits of conservation
- i) Importance of cattle breed.
- j) Rotation grazing
- k) Sheep nutrition
- l) Temperate grass land
- m) Management of intensive grazing
- n) What is scrapie disease?
- o) Two disease names in vaccination program for cattle.

3. Write down in brief any **four** of the followings:

5×4=20

- a) Describe the goat disease (foot rot) symptoms, prevention, treatment.
- b) Briefly the different types of ecological succession
- c) Management of grasslands
- d) Describe the importance of livestock management.
- e) Describe the methods followed to estimate carrying capacity.
- f) Different types of vaccination programme for cattle.
