Section A

1. Clearly differentiate between the following
   (a) Browsing and grazing
   (b) Set stocking and strip grazing
   (c) Rotational grazing and rational grazing

2. (a) Give an hypothetical situation/ condition of rational grazing covering a period of April to October of the same year.
   (b) List the problems, advantages and disadvantages of zero grazing

Section B

3. Describe the following practices in beef calf production system
   (i) Identification  (ii) Dehorning  (iii) Weight determination  (iv) Castration

4. Discuss the following:
   (a) Sources of beef animals:  (b) Different mating methods in beef animals:
   (c) Signs of pregnancy in cows

Section C

5. Write a concise note on Basic conformation of beef cattle

6. Discuss the following factors affecting beef quality:
   (a) Marketing  (b) Disease factor  (c) Slaughtering methods
   (d) Age  (e) Sex

7. Enumerate and explain the factors to be considered before the establishment of a commercial beef cattle herd.