AEM 722 Ruminant Animals (2 Units)

INSRUCTIONS: Answer question one (compulsory) and any other 2 questions. Pls note that question one carries 30 marks all others 20 marks each.
Time Allowed: 2 hours.

1a) With relevant examples explain to a novice the term ruminant animals (4 Marks)
b) Explain to Musa the types of digestion that occurs in a matured cow (10 marks
c) Advance possible reasons why Artificial Insemination is not wide spread in the Nigeria. (10 Marks)
d)As a farm manager what will you give to an orphaned calf and what is the constitution of this product (6 marks)

2a) Mallam Salami is a new livestock farmer, explain to him what signs he should look out for when his cow is about to parturate (5 marks)
b) Steaming Up is a management practice, give the meaning and advantages this management practice on a farm. (15 marks)

3a) Wastage due to disease is a source of serious economic loss and one of the main constraints to the development of livestock industry. What are the possible causes of disease in livestock (20 marks)

4a) Justify with reasons why you will advise mallam Sule a potential livestock farmer to invest in small ruminant production (15 marks)
b) What are identifying features of the N'dama cattle breed (5Marks)