

**Note : Answer all the questions**

Q1: Write a origin of cow in the animal kingdom. (8 marks)

Q2: Define the following . (choose 5 only ) (10 marks)  
Ear Tags , Foremilk stripping , Rams , Shepherd , Ranch , Rutting

Q3: Fill the following spaces. (choose 10 only) (8 marks)

1. Shorthorn cattle originated in ..... and were imported to the United States in 1783. Shorthorns can be red, ..... , or ..... , which is a mixture of red and white hair.
2. white goats with upright ears and originally grown in ..... .
3. Estimates of age at puberty in *Bos indicus* cattle in the tropics and subtropics range between ..... months.
4. The cow cleans the calf by ..... the calf after calving
5. Buffalo are known to live in different habitats in Iraq including ..... , ..... and even some urban regions.
6. Sheep come in all different sizes, ..... and ..... and there are many ways to classify them.
7. Fat tailed or fat-rumped sheep are so-named because they can store ..... in the tail and ..... of the rump.

Q4: Write the important signs of birth in cow . (6 marks)

Q5: A- How you diagnosis of pregnancy in cattle ? (8 marks)

B- What is the Sexual behavior in sheep?

**Good Luck**

Exminer  
Mwaffuk H. Ali

Head of the Dept.  
Dr. Zeyad T. Omer