PARUL UNIVERSITY
COLLEGE OF AGRICULTURE
B.Sc.(Hons.) Agriculture Summer 2017 - 18 Examination

Semester: 3   **Date: 09/06/2018**
Subject Code: 20112201   **Time: 2.00 pm to 4.30 pm**
Subject Name: Livestock Production and Management   **Total Marks: 60**

Instructions
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Do as Directed.

A. Fill in the blanks. (Each of 1.00 marks)   **(10)**
1. Livestock means the stock that is _____
2. India produces_____ of total milk produced in the world.
3. India stands _____in egg production.
4. India has about _____ Km coastline.
5. Availability of plant nutrients in the manure of cattle/buffalo is ___ N% ___P% __K%
6. Largest milk producing country is _____.
7. The total fish production about _____ thousand tones.
8. The products of bio gas plants are _____ _____ _____
9. The meat of cattle is called _____.
10. Milking time for most cows is _____ minutes per cow.

B. Multiple choice type questions. (Each of 1.00 mark)   **(10)**
1. In profession _____don't have owned land for farming/fodder production.
   a) Farmers   c) Professional breeders
   b) Land less labors   d) None of above
2. The origin of Guernsey cow.
   a) France   c) Denmark
   b) Switzerland   d) Scotland
3. Average milk yield of brown Swiss breed_____ Kg per lactation
   a) 5000   c) 5500
   b) 5100   d) 5600
4. The milk yield of mehsana buffalo breed is _____ Kg per lactation
   a) 1000-1300   c) 1200-1500
   b) 1000-1200   d) 1200-1400
5. Murah is also called
   a) Delhi   c) kundi
   b) kali   d) All of Above
6. A group of chicken is called
   a) Pork   c) Pullet
   b) Flock   d) Chick
7. An uncastrated mature male goat used for breeding is known as
   a) Buck   c) Chick
   b) Pork   d) Nanny
8. A female ox of over 1year age, which has not yet calved is called
   a) Bull   c) Veal
   b) Cow   d) Heifer
9. The meat of sheep is known as
   a) Chevon   c) Mutton
   b) Beef   d) Pork
10. An act of giving birth to young one by a female sheep is called
    a) calving   c) kidding
    b) Lambing   d) Laying

Q.2 Do as Directed.

A. Define the following. (Any five) (05)
1. Animal husbandry
2. Bull
3. Bullock
4. Beef
5. Pork
6. Lamb
7. Heifer calf

B. Answer the following. (Any Five) (05)
1. Give the importance of livestock?
2. How Cattle and buffalos are useful to Indian economy?
3. Enlist the restrains tools used for controlling over the cattle, horse, and camel?
4. Give the characteristics of Kankrej cow?
5. Basic principles of Animal science?
6. Enlist the factors affecting milk production?
7. Give the regions of body parts of cow?

Q.3 Write short notes. (Any five) (15)
1. National livestock Mission
2. Intensive dairy development programme
3. Surti breed of buffalo
4. Livestock insurance
5. Write down the care is taken for new born calves
6. Write the cares taken for feeding of calves

Q.4 Attempt any Three/Long Questions/Example (15)
1. Give the characteristics of mehsana breed?
2. Draw the reproduction cycle of Cattle?
3. Importance of livestock in india.
4. Characteristic of Gir cow.