

SEMESTER END EXAMINATION

B.Tech. (Agril. Engg.)

Semester : 1 (Old)

Academic Year : 2019-20

Course No: AG-113

Course Title : Livestock Production & Management

Credits: 2(1+1)

Total Marks : 40

& Date: 03-1-2020, FRI

Time: 10.00 to 12.00 hrs

- Instructions:
1. Solve ANY EIGHT questions from SECTION "A".
  2. All questions from SECTION 'B' are compulsory.
  3. All questions carry equal marks.
  4. Draw neat diagrams wherever necessary

SECTION "A"

- Q. 1 Illustrate the importance of livestock in Indian Agriculture
- Q. 2 Define breeding. Enlist various methods of breeding and state demerits of crossbreeding
- Q. 3 Write information of Red Sindhi and Pandharpuri breed on following point
  - a) Origin
  - b) Body characters
  - c) Economic characters
- Q. 4 Draw a neat diagram of reproductive systems of cow. Explain the functions of ovary and uterus
- Q. 5 Give the difference between ruminant and non-ruminant
- Q. 6 Explain in short methods for processing of feed and fodders
- Q. 7 Explain in brief about the care of newly born calf
- Q. 8 Define pasteurization. What for it is necessary? Describe H.T.S.T. method.
- Q. 9 Enlist different housing system of poultry and explain deep litter
- Q. 10 Write short notes on
  - a) State advantages and disadvantages of Artificial Insemination
  - b) Desirable characters of feed /ration

SECTION "B"

- Q. 11 Fill in the blanks
- 1) ..... cattle breed is suitable for heavy rainfall area
  - 2) Milking should be completed within.....minutes
  - 3) Incubation period of hen eggs is ..... days
  - 4) The act of parturition in goat is known as .....
- Q. 12. Define the following terms
- 1) Breed
  - 2) Calf
  - 3) Balanced ration
  - 4) Chevon