

**MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR**  
**SEMESTER END THEORY EXAMINATION, B. TECH. (D.T.) DEGREE COURSE 2018-19**

Semester : **I (V Dean)**  
Course No. : **DBM-101**

Academic Year : **2018-2019**  
Course Title : **Milk Production  
Management & Dairy  
Development**

Credits : 2+1=3  
Day & Date : Tuesday, 08/01/2019

Total Marks : 50  
Time : 11.00 to 13.00 Hrs.

- Note :**
- 1) All questions from **Section 'A'** are compulsory.
  - 2) Solve **Any Three** questions from **Section 'B'**.
  - 3) Draw neat and well labeled diagram wherever necessary.

**SECTION –‘A’**

- Q. 1. A) Define the following. (05)
- i) Management
  - ii) Breed
  - iii) Sire
  - iv) Weaning
  - v) Castration
- B) Answer in one line. (05)
- i) Name the instrument which is used in dehorning.
  - ii) Name the hormone is responsible for letdown of milk.
  - iii) Name the cattle breeds developed at NLRI, Karnal.
  - iv) Give the floor space requirement for cow.
  - v) Name the part of stomach of ruminants.
- Q. 2 A) State whether True or False. If false, rewrite the statement after making necessary corrections. (05)
- i) Roughes contain more than 18% crude fiber.
  - ii) Separation of calf from mother is called weaning.
  - iii) Annual growth rate in milk production of India is 8%.
  - iv) Soyabean cake is high source of protein animal feed.
  - v) Average lactation period of cattle breed is 300 day.
- B) Choose the most appropriate answer from the options given below. (05)
- i) Colostrum is a high source of .....
    - a) Protein
    - b) Vitamin
    - c) Both a) and b)
    - d) None of these
  - ii) ..... is chemical used for naval cord treatment of calf.
    - a) Tincture iodine
    - b) KOH
    - c) HCL
    - d) H<sub>2</sub>SO<sub>4</sub>
  - iii) Average gestation period of cow is ..... days.
    - a) 280
    - b) 283
    - c) 287
    - d) 290

(P.T.O.)

- ## SECTION –‘B’

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