MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION
B.Sc.(Hons.) Agriculture

Semester	: 1 (New)	Term	: First	Academic Year	: 2023-24
Course No.	: AHDS 111				
Credits	: 2 (1+1)	Title	: Livestock Production and Management		
Day & Date	: Wednesday, 17.01.2024	Time	: 10:00 to 12:00 hrs.	Total Marks	: 40

Note :
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 diagram wherever necessary.

SECTION 'A'

Q.1 Enlist different indigenous breeds of cattle according to their utility and explain Khillar breed.

Q.2 Explain female reproductive system of cow with neat labeled diagram.

Q.3 What is the difference between healthy and sick animals? Write in detail about symptoms and control measures of Black Quarter disease.

Q.4 Explain the importance of livestock in national economy.

Q.5 Write in detail about care and management of breeding bull and heifer.

Q.6 Explain the stages of parturition in cow.

Q.7 Explain in short the effect of climate changes on livestock production.

Q.8 Write in detail about the concept of A1 and A2 milk.

Q.9 Describe in short about origin, body and economic characters of Murrah and Pandharpuri buffalo.

Q.10 Write short notes on (Any Two):
a) SWOT analysis of livestock farming
b) Importance of organic livestock production
c) Foot and mouth disease

SECTION 'B'

Q.11 Fill in the blanks:
1) The sickle-shaped horns are present in _____ breed of buffaloes.
2) The genus for cattle is _____ and genus for buffalo is _____.
3) Oily skin is a peculiar character of _____ cattle breed in India.
4) Peculiar gait of _____ cattle breed is known as Sawai Chal.

Q.12 Define the following terms:
1) Breed 2) Lactation period 3) Puberty 4) Calving

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