MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Agriculture

Semester	: **I (New)**	**Term**	: **I**	**Academic Year**	: **2018-19**
Course No.	: AHDS 111				
Credits	: 2(1+1)	**Title**	: **Livestock Production and Management**		
Day & Date	: Monday, 24.12.2018	**Time**	: 09.00 to 11.00	**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 diagrams wherever necessary.

SECTION "A"

Q.1 Write in detail importance of livestock in Indian economy.

Q.2 Classify different indigenous breeds of cattle on the basis of utility and describe Gir breed.

Q.3 Describe sterility and give causes of sterility.

Q.4 Give two examples of bacterial, viral and parasitic diseases of cattle and describe symptoms and control of FMD.

Q.5 State the importance and principles of organic livestock production.

Q.6 Write in short effect of climate change on livestock production.

Q.7 Draw a neat labeled diagram of female reproductive system of cattle. Explain the functions of uterus and ovaries.

Q.8 Describe home tract, physical and economical characters of the following breeds.

a) Khillari b) Mehasana

Q.9 Write in short feeding management of calf.

Q.10 Comment on the care and management of working bullocks.

SECTION "B"

Q.11 Match the following pairs.

'A'	**'B'**
1) Oxytocin	a) Deficiency of calcium
2) Milk fever	b) Indigenous cattle breed
3) A2 milk	c) Letting down of milk
4) Holstein Friesian	d) Milch purpose breed

Q.12 Define the following terms.

1) Gestation period 2) Parturition

3) Free martin 4) Teaser

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