Total No. of Printed Pages:2

SUBJECT CODE NO:- B-2225 FACULTY OF SCIENCE AND TECHNOLOGY B.Sc. T.Y (Sem.-VI) Examination OCT/NOV 2019 Dairy Science and Technology Paper- XIX (Genetics and animal breeding)

[Time:	1:30 Hours]	(301101103 3		2	[Max.Marks:50]
N.B	1.	se check whether you Attempt all questions Illustrate your answe			
Q.1	Define meiosis. Explair	n the phages of meios	is.		20
	Define sterility. Describ	e physiological caus	7 N - PO N - V - V - V - V - V - V - V - V - V -		
Q.2	What are the methods o	20			
	Write short notes on an a) Law of segregat b) Sex chromosom c) Measures of bre d) Pedigree selection e) Out crossing f) Effects of in bre	tion nes reding efficiency on			
Q.3	Write correct answer of 1) is reduc	10			
	a) Meiosisc) Usual divis	sion	- A VALY	Mitosis None of above	
START OF THE START	2) is the di a) Embryo c) Foetus	ploid cell formed by	b)	Zygote All above	
	3) In mendel's mor a) 1:2:1 c) 3:1				
	4) In muta a) Chromosor c) a and b				

1

5)		is the cause of hereditary variation.					
	a)	Food	b)	Light			
	c)	Temperature	d)	Mutation			
6)	In breeding involves the mating of related individuals within generations.						
	a)	4-6	b)	6-8			
	c)	6-7	d)	8-10			
7)	is the mating of animals of different breeds.						
	a)	In breeding	b)	Out crossing			
	c)	Species hybridization	d)	Cross breeding			
	_						
8)	In	In bulls can be selected on the milk records of their female relatives.					
	a)	Pedigree selection	b)	Progeny testing			
	c)	Performance testing	d)	None of above			
9)	Crv	ptorchidism is the example of steri	litv				
- ,		Anatomical		Accidental			
	c)	Nutritional) . N	Genetical			
	C)	Truttuollai	u)	Genetical			
10))	cause of sterility is mainly due to distur	bec	co-ordination and imbalance among the			
		ous hormones	3/5	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	a)	Nutritional	b)	Accidental			
		Physiological	~ V	Anatomical			
	,		V VX	16X12 X1.1016.11967			