Veterinary Science And Animal Husbandry

100 kg and yielding 10 litres milk ruod **8 : 9miT**

per day with 4% milk fat.

mar ni sbodiem full Marks : 200

The figures in the right-hand margin indicate marks.

Candidates should attempt Q. No. 1 from

Section – A and Q. No. 5 from Section – B

which are compulsory and any three of

the remaining questions, selecting

at least one from each Section.

SECTION - A

- Write brief notes on any two of the following in not more than 150 words each: 20×2 = 40
 - (a) Assessment of production efficiency in a dairy farm.
 - (b) Workout a plan for green fodder supply to a dairy farm with 10 cross-breed cows in milk.

(Turn over)

(c)

	(c)	Husbandry practices for newborn piglets in a		
	7-7-	modern piggery unit.		
2.	(a)	Compute a model ration for a milch cow		
		weighing 400 kg and yielding 10 litres	milk	
		per day with 4% milk fat.	20	
	(b)	Write on Heat detection methods in	farm	
8.	merk	animals.iigures in the right-frand marginalsmins	20	
3.	(a)	Explain the factors affecting yield	and	
	8 -	composition of milk in dairy cows.	20	
	(b)	Write on systems of breeding in a s	wine	
		the remaining questions, sele maj	20	
4.	(a)	Production indices to assess the effic	iency	
		of a commercial layer farm.	20	
	(b)	Explain the role of lipids and crude file	ore in	
	BUIM	animal nutrition.	20	
		SECTION – B	n =	
5.		Write short notes on any two of the followings in		
	not more than 150 words each : 20×2 = 40			
- B.	(a)	Ill effects of summer stress in buffaloe	s and	
Ke.	len hi	ameliorative methods		
LE	3 – 27	(2)	ontd.	

- (b) Floor, feeding and watering space requirements for dairy cows, calves, heifers and breeding bulls
- (c) Checklist for success of artificial insemination in farm animals under field conditions
- (a) Summarize the metabolic activities of vitamins and deficiency symptoms in livestock.
 - (b) Explain the importance and methods of drying off cows.20
- 7. (a) Compare stall fed and conventional goat rearing systems.
 - (b) Describe the feed additives used in commercial poultry ration.20
- 8. (a) Discuss on Semen Evaluation Techniques in a Semen bank.20
 - (b) Explain the livestock feeding and management protocols under flood situation.20



watering space	(b) Floor, feeding and
cows, calves, heiters	requirements for dairy
	and breeding bulls
cess of artificial	(c) Checklist for succ
animals under field	insemination in farm
	conditions
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d conventional goat.	 (a) Compare stall fed and
20	rearing systems.
additives used in	(b) Describe the field
900 of the 420	commercial poultry crit
luation Techniques in	3. (a) Discussion Sanderoene

(b) Explain the livestock feeding and manage-