

**Dr. PANJABRAO DESHMUKH KRISHI VIDYAPEETH, AKOLA**  
**SEMESTER END THEORY EXAMINATION**  
**B.Sc. Agriculture (Hons.)**

Semester	:	VI (New)	Term	:	II	Academic Year	:	2020-21
Course No.	:	AHDS-364	Title	:	Sheep, Goat and Poultry Production			
Credits	:	(1+1)						
Day & Date	:	9/6/2021	Time	:	3.00-4.00	Total Marks	:	40

**Note :** 1) Solve ANY FOUR questions from SECTION-A  
2) Solve ANY SIX questions from SECTION-B  
3) ALL questions from SECTION-C are compulsory  
4) Send the PDF file of answer sheet to the email id of respective course teacher

**SECTION-A**

**(Write the answers in 4-5 sentences only. Each question carries 4 marks)**

Q. 1 Ans	Write the importance of sheep and goat in Indian economy. Gives us income generation, capital storage, employment generation and nutritive food. 34 breed of goat and 149 m. population. It is the source of milk, meat 480m kg, fibre and skin. Poor mans cow. In sheep 43breeds, 74m population, It is source of wool(48m kg),meat (534 thousand tonne)and skin, sheep are grazer and weed killer .Contribute to economical section of society.
Q. 2 Ans	Write the care and management of kids/lamb. Cleaning of mucus from nostril and body by clean cloth, cutting of naval cord, Feeding of colostrum which provides the immunity, Feeding of milk @10% of body weight up to 3 months Give milk replacer to save whole milk, Disbudding, Identification mark by tattooing or tagging, Deworming to control endo-parasite, Dipping/spraying to control ecto-parasite, Vaccination against diseases, provide starter ration
Q. 3 Ans	Write the different parts of digestive system of fowl with their functions. 1)Beak/mouth- picked food 2)Oesophagus-carried food 3)Crop-storage food 4)Gizzard-grinding5)Pancreas-secret juice6)Liver-secret bile7)Small and large intestine-digestion and absorption of nutrients 8)Caeca-digestion of crude fibre 9)Cloaca-mix digestion and urinary waste10)Rectum-hold faecal material and passes to cloaca 11)Vent-External opening of cloaca
Q. 4 Ans	Enlist and explain in short various methods of slaughtering. 1)Scientific slaughter-avoid un-necessary pain, animal stunned by mechanical, electrical and before slaughter 2) Ritual method-without prior stunning a)Zatka/Sikh b)Halal c)Jewish d)Neck stab a)Zatka/sikh-Head is chopped off in one big stroke of sword b)Halal-In muslim countries, four major vein of neck cut by knife d)Neck stab-stab by double edge knife at grope of neck, less cracked egg, hygienic, control diseases and safety from dog
Q. 5 Ans	Enlist various systems of poultry rearing and write in brief about deep litter system 1)Backyard 2)Free range or extensive3)Semi-intensive 4)Folding unit 5)Intensive-a)Deep litter b)Battery or cage c)California. a)Deep litter system-Birds kept in pen/shed, floor covered with bedding material like wheat straw(20-30cm),Av. space 4sq.ft./bird, good ventilation, stir once in week add 1kg super phosphate and lime mix, change after 2 year, labour saving, no cleaning required only stirring, economical.

**SECTION-B**

**(Write the answers in one sentence only. Each question carries 2 marks)**

Q. 6	(Answer in one sentence/Do as directed/Define )
Ans	a)Define ringing. Shearing of wool from body of ram in neck, belly and sheath region prior to breeding season
Ans	b)Write the signs of parturition of goat. Looking at tail /back, udder enlarge, and shining, heavy breathing, bleat low voice.
Ans	c)State grade designation used in egg grading by AGMARK Grades 1)A-extra large 2)B-large 3)C-medium 4)D-small

Ans	d)Write the types of brooding. 1)Natural brooding 2)Artificial brooding
Ans	e)Write reason for off flavour of goat milk. 1)High proportion of medium chain fatty acid,2)Secretion of hormone of buck
Ans	f)Write preventive measures to control diseases of sheep and goat. 1)Segregation of sick animals2)Vaccinate regularly 3)Cleaning and sanitation
Ans	g)Give the sheep and goat rearing tract according to region. 1)Northern temperate 2)North western 3)Southern 4)Eastern

### SECTION-C

(Choose the correct option. Each question carry 1 mark)

Q. 7	1) Sheep milk contains -----% fat		
	a) 4.5	b) 6.0	
	c) 7.5	d) 8.6	
	2) Native state of Chegu goat is-----		
	a) Maharashtra	b) Jammu and Kashmir	
	c) Himachal Pradesh	d) Uttaranchal	
	3) Ecto-parasites are controlled by		
	a) Dipping	b) Isolation	
	c) Drenching	d) Quarantine	
	4) Ram is fit for mating at-----year age		
	a) 1	b) 2	
	c) 3	d) 4	
	5) Roman nose is characteristics of -----goat breed		
	a) Sangamneri	b) Marwari	
	c) Berari	d) Jamanapari	
	6) At what age pullets start laying eggs ?		
	a) 12-17 weeks	b) 5-11weeks	
	c) 18-24 weeks	d) 25-32weeks	

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7) Broiler starter contains -----% protein			
a) 22	b) 24		
c) 18	d) 26		
8) Colour of egg shell of Kadaknath poultry is			
a) Brown	b) White		
c) Black	d) Red		
9) Which breed of sheep used for pelt production			
a) Nellore	b) Deccany		
c) Karakul	d) Merino		
10) Hemorrhagic septicaemia disease is			
a) Bacterial	b) Viral		
c) Parasitic	d) Metabolic		
11) Which milk is favorite for Athelets			
a) Cow	b) Goat		
c) Sheep	d) Buffalo		
12) Breed of goat is suitable rearing in city			
a) Berari	b) Barbari		
c) Beetle	d) Osmanabadi		

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**Signature of the course teacher**

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