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Booklet Serles

Register Number

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2008 VETERINARY SCIENCE

Time Allowed : 3 Hours]

Maximum Marks : 300

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GUESTION BOOKLET UNTIL YOU ARE ASKED TO DO

DO NOT TEAR THIS COVER OF

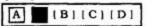
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Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS

- This Booklet has a cover (this page) which should not be opened till the invigilator gives signal to
 open it at the commencement of the examination. As soon as the signal is received you should tear
 the right side of the booklet cover carefully to open the booklet. Then proceed to answer the questions.
- 2. This Question Booklet contains 200 questions.
- 3. Answer all questions.
- All questions carry equal marks.
- 5. The Test Booklet is printed in four series e.g. A B C or D (See Top left side of this page). The candidate has to indicate in the space provided in the Answer Sheet the series of the booklet. For example, if the candidate gets A series booklet, he/she has to indicate in the side 2 of the Answer Sheet with Blue or Black Ink Ball point pen as follows :



- You must write your Register Number in the space provided on the top right side of this page. Do not write anything else on the Question Booklet.
- An Answer Sheet will be supplied to you separately by the Invigilator to mark the answers. You must
 write your Name. Register No. and other particulars on side 1 of the Answer Sheet provided, failing
 which your Answer Sheet will not be evaluated.
- 8. You will also encode your Register Number, Subject Code etc., with Blue or Black ink Ball point pen in the space provided on the side 2 of the Answer Sheet. If you do not encode properly or fail to encode the above information, your Answer Sheet will not be evaluated.
- 9. Each question comprises four responses (A). (B). (C) and (D). You are to select ONLY ONE correct response and mark in your Answer Sheet. In case you feel that there are more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each question. Your total marks will depend on the number of correct responses marked by you in the Answer Sheet.
- 10. In the Answer Sheet there are four brackets [A][B][C] and [D] against each question. To answer the questions you are to mark with Ball point pen ONLY ONE bracket of your choice for each question. Select one response for each question in the Question Booklet and mark in the Answer Sheet. If you mark more than one answer for one question, the answer will be treated as wrong. e.g. If for any item, (B) is the correct answer, you have to mark as follows:



- 11. You should not remove or tear off any sheet from this Question Booklet. You are not allowed to take this Question Booklet and the Answer Sheet out of the Examination Hall during the examination. After the examination is concluded, you must hand over your Answer Sheet to the Invigilator. You are allowed to take the Question Booklet with you only after the Examination is over.
- 12. Failure to comply with any of the above instructions will render you liable to such action or penalty as the Commission may decide at their discretion.

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13. Do not tick-mark or mark the answers in the Question Booklet.

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1. <u>.</u>	Mat belo		I with	List II	corr	ectly a	and a	select	your answer using th	e codes given
1419	÷.,	4	List I			83		35	List II	÷
		a)	Ducks	1	8			1.	Browsing	
		b) ·	Pigs			02		2.	Gulping	
	-	c)	Dogs					3.	Scooping	
		d)	Goats					4.	Rooting	(*
5	Cod	les :				ł i				
÷		a	b	c	d				8 S.	
	A)	1	2	3	4	- 22			58	
23	B) '	2	4	3	1	- B			6	
8	C)	3	4.	2	1	s				•et
Į.	D)	2	1	4	3.		1		× 1	
2.			by mor			l vent	ilated	i buil	ding should not excee	ed that of the
	A)	10° F	÷					B)	7° F	
	C)	5° F						D)	2° F.	
3.	Wh is A)	ite mar star	king ext	endin	g to t	he fac	e inv	olvin B)	g the whole width of the blaze	ne nasal bone
2	C)	stripe	а К					D)	band.	
4.	The	newly	cut inci	sor tee	th et	ther to	mpo	orary (or permanent are know	vn as
	A)	shelly						B)	tusk	8 8
	C)	wolf to	eeth			<u>.</u>		D)	infundibulum.	
5	The	most l	imiting	amino	acid	in cer	eal p	roteir	n is	
	A)	leucin	ie					B)	isoleucine	
	C)	lysine						D)	tryptophan.	
6.		trated ve are	male bi	rds us	ually	/ large	r th	an br	oilers with live weight	of 3 kg and
	A)	broile	rs					B)	poussins	(4) (A
.9	C)	hens	\mathbf{r}^{\otimes}		15			D)	· capons.	N
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	YVAS	8	21	4		2	а. с
	7.	The	electrical strength for elect	rical stunni	ing	is	
		A)	less than 250mA and 75k	v B	5)	above 400mA and 1	20V
		C)	above 300mA and 100V	E))	not less than 250m	A and 75V.
	8.	The	desirable dry period for a c	ross-bred c	ow	is	
8		A)	one month	E	5)	two months	14
		C)	six months	E)	five months.	8
	9.	Sah	iwal breed of cattle is popul	arly known	as		
	8	A)	Thari	В)	Lola	- -
19	23	C)	White Sindhi	D))	Kangrej.	1
12	10.	Pigi	ets are weaned normally at	the age of	25	× ,	
		A)	2 weeks	В)	8 weeks	
	23	C)	4 weeks))	6 weeks.	
	11.	The	amount of urea as NPN so	urce in rum	ina	nt ration should not	exceed
	50	A)	1.0 per cent	E	3)	3.0 per cent	
		C)	5.0 per cent	, r))	10.0 per cent.	
	12.	The	true stomach is			0.00	я., 1
		A)	Rumen	E	3)	Reticulum	
		C)	Omasum	r)	Abomasum.	8 - 12 - 15
	13.	Nu	tritive ratio is narrow for	Ε		· · · ·	98 98
		A)	Concentrates	1	3)	Cereal grains	
19	3	C)	Roughages	, 1)	None of these.	84 W.
	x 10	1		5001			

14. Shaeffer's formula is to determine

> milk yield A)

weight of adult cattle and buffalo B)

C) age of animal

D) none of these.

Cereal grains are 15.

> rich in methionine A)

rich in lysine and tryptophan B)

C) deficient in lysine and tryptophan

D) deficient in cystine.

Deposition of soft fat leading to soft pork problem is due to feeding of 16.

 cotton seed meal	B) tubers

groundnut sweet potatoes. C) · D)

Shovel beak is a disease of extensively reared chicks with 17.

A) -	Vitamin E deficient birds		B)	Feeding of dry mash
· c)	Thiamine deficiency	93	D)	None of these.
				. ** *

The tusks of pigs are 18.

> Molars. A)

Cantnes C)

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Average oestrous cycle of sheep is 19.

> 17 days B) 21 days A)

> D) 30 days. C) 28 days

20. Incubation period of chicken is

	A)	18 days	5 3	22	B)	21 days
	C)	28 days			D)	30 days.
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B)

D)

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None of these.

25	YVAS	3	8 B.	6			
÷	21.	Vea	l is a meat of	· .	10	÷	+:
	2	A)	Black cattle	B)	Calf		32
		C),	Sheep	D)	Pork.	•	
	22.	Fine	wool breed of sheep is			12	
		A)	Nilgiris	B)	Trichy black	27. E	
		C)	Merino	D)	Madras red.	9	
	23.	The	house of pigeon is known	as			
		A)	Loft	B)	Kennel		
2		C)	Sty	D)	Вуте.		
	24.	Cra	zy chick disease is caused	l due to the defic	iency of	£3	
	$\Sigma_{\rm fi}$	A)	Selenium	B)	Folic acid	<i>.</i>	
	0	C)	Vitamin E	D)	Thiamine.	а	
SR	25.	Sub	abul leaves contain antin	utritional factor			
		A)	coumarin	B)	linnamanics		
		C)	alkaloid	D)	mimosine.		
	26.	'Sta	r gazing' attitude in chick	s is seen in the	deficiency of	а 	1
	85	A)	Riboflavin	· B)	Nicotinic acid		
		C)	Thiamine	D)	Biotin.		
	27.	Ins	pection of live animal don	e within 24 hour	s prior to slaug	hter is called	
		A)	postmortem inspection	•3			
		B)	antemortem inspection			*	
	•	C)	reinspection	÷		17	•
		D)	none of these.		to (2	88	84
	28.	The	e standard SNF % in cow	milk as per Prev	ention of Food A	dulteration A	ct is
		A)	9.0%	B)	7.5%		3
		C)	8.5%	D)	9.5%.		
	x 10	I	n. (A.	5001			

YVAS Mating of closely related animals in a particular species intensifies specific 29. characters and it is called Close breeding A) Line breeding B) Inbreeding Grading. C) D) 30. BLUP is a method, used for evaluation of A) Cross-breeding programme B) Sire Exotic blood level. C) Cows D) 31. The pig requires cubic feet in the sty. 200 A) B) 800 C) 80 DI 40. 32. The average milk production in India during 1995 to 2000 is approximately 64.7 million tons A) 68.3 million tons B) 74.3 million tons C) D) 80.0 million tons. 33. Which animals have strongest instinct to remain in a group when threatened ? Sheep A) B) Goats Pigs D) C) Cattle. 34. Scheme to provide income generating activities to rural women of families below poverty line is TRYSEM B) DWCRA · A) NREP RLEGP. C) D) 15. Ratio of calcium and phosphorus in bone is A) 1:1 1:2 B) C) 2:1 D) 2:3.

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	YVAS	5	. 8		21 22
	36.	Pall	letising the feed supplied to a cow help	ps in	
		I.	reducing water consumption	124	с. С. С. С
2		n.	destroying antimetabolites in the fee	ed	10 N
		ш.	increasing vitamin A content in milk	ĸ	
		īv.	avoiding preferential feeding.		
		Of t	the statements .		
		A)	(I) and (II) are correct	B)	(III) and (IV) are correct
		C)	(II) and (IV) are correct	D)	(I) and (III) are correct.
	37.	Mai	ize is deficient in	52	ан сан сан сан сан сан сан сан сан сан с
•		A)	Ca	B)	P
		C)	к	D)	Na.
	38.	Mea	at meal can be supplemented in poultr	ry di	et at
		A)	3 % level	B)	8 % level
		C)	12 % level	D)	should not be included.
	39.		od intake in chicks decreases with oplemented with	inc	rease in temperature and hence
		A)	Calcium	B)	Sodium
		C)	Vitamin E	D)	None of these.
	40.	Cal	cium in layer mash should not exceed	1	
	÷	A)	2.5 %	B)	1 %
		C)	5%	D) -'	none of these.
0	41.	The to	e nutritive value of paddy straw is en	hanc	ed by urea treatment which is due
	8	A)	softening of the straw leading to inc	rease	ed microbial invasion
		B)	increase in the nitrogen content in t	the p	addy straw
3		C)	breakage of lingo-cellulose bond lead	ding	to release of cellulose
		D)	increase in nitrogen content as well	as b	reakage of lingo-cellulose bond.
			P) (1)		1207 0.*

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			5.	1.00	
÷;		9		19 19	YVAS
2. TI	he optimal level of crude protein in t	the diet	of broiler chicks	IS	
A)) 24 - 27 %	B)	20 - 23 %		
C) 16-19%	D)	12 - 15 %.		
. м	aximum permissible level of lead in	drinkir	ng water is		2
A)	0·4 ppm	B)	0-8 ppm	182 2	
C	0·1 ppm	D)	0-3 ppm.		
. Pl	hosphorus deficiency leads to	x :	_ 8 _ S	ర క్	
A) fluorosis	B)	pica		11 (A 8
C) osteomalacia	D)	rickets.	2	
. м	iethodical and uninterrupted exchar	nge of fr	esh air for foul at	r is	
A) air flow	B)	ventilation	1. L.	
C) radiation	D)	sanitation.		£(
3. A	ssertion (A) : Goat milk is conside	red ide	al for consumption	on by conva	lescing
	and aged people.			20 20	
R	eason (R) : Goat milk has finer fa	t globu	les which can eas	ily be digest	ed.
N	ow select your answer according to	the cod	ing scheme given	below :	
A)	Both (A) and (R) are false	1	· · ·	ee - ³⁰⁰	
	· · · · · · · · · · · · · · · · · · ·				
B)) Both (A) and (R) are correct		1		
C)	(A) alone is correct	23			
·D)	(R) alone is correct.	ः र			
. Ge	estation period of goat is				
A)	145 days	B)	100 days		
C)	180 days	D)	90 days.		
Cł	nlorine is used in the dairy industry	as a		·	1
A)	sanitiser	B)	detergent		
C)	wetting agent	D)	softener.		
	1		2 A.		

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49.	The	milk s	sugar i	5	$\overline{\mathcal{X}}$				
	A)	lactos	se				B)	glucose	
82	C)	galac	tose				D)	sucrose.	*))
50.	Áceo	ording	to PFA	milk p	oowder sh	nall cont	ain		3
	A)	not n	nore th	an 1%	moisture		B)	less than 26% fat	
	C)	not n	nore th	an 5%	moisture		D)	more than 10% fat	
51.	Anti	oxidar	nt used	in ghe	e is			° 8	
80) -	A)	Butyl	lated h	ydroxy	anisole		B)	BHC	
	C)	DDT			4		D)	Chlorine.	*
52.			ed mea		uct, the i	maximu	m pe	rmissible level of soc	lium nitrite an
	A)	250 r	ng/kg	e.			B)	200 mg/kg	a 8
22	C)	300 r	ng/kg				D)	100 mg/kg.	
53.				ish law	v. meat w	hich is	not fi	it for consumption is	known as
	A)	kosh					B)	porged	
	C)	terep	ha				D)	talmund.	
		2220.200.20 0 0			N.				
54.	Mat		t I wit	h List	II correct	tly and	selec	t your answer using	the codes give
	10,500		List	I				List II	62.1
		a)	Meas	sly porl	ĸ		1.	Cara beef	· .
翁		ъ)	Buff	alo mea	at		2.	Taenia solium	
		c)	Your	ng calf			3.	Taenia saginata	5.t
		d)	Mea	sly beet	f		4.	Veal	3
	Cod	les :						6	· ·
		a	b	c	đ			210 0.7	.);
	A)	2	1	4	3				
	B)	3	2	1	4			- 7	
93	C)	4	3	2	1				
				3					

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55. T

56.

57.

58. N

59.

60. N

61.

62.

C)

250 ml

4.			encranc	eexams.to	
	1.	•	11		YVAS
5.1	The	ratio of bone to meat is more fa	vourable	in .	
4	A)	Buffaloes	B)	Pigs	
1 Han	C)	Cattle	D)	None of these.	Res a
6.	Whi	ich one of the following is correc	tly match	ed ?	
	A)	Goat	-	Chevon	1 1
2	B)	Sheep	-	Pork	
	C)	Pig	_	Beef	
d	D)	Cattle	-	Mutton.	
7.	Key	village unit covers an area com	prising ab	out	
122	A)	5 square miles	B)	50 square miles	
ः ः .+	C)	1000 breedable cows, buffalo	es D)	10000 households.	
8.	NAI	BARD extends direct loans for	.'		
	A)	Agriculture	B)	Industry	
20	C)	Fisheries	D)	None of these.	
9.	Sta	ndardized milk should have FAT	and SNF	percentage as per PFA	
	A)	5-5 and 8-5 %	B)	4.5 and 8.5 %	
	C)	4.5 and 7.5 %	D)	5.0 and 9.0 %.	2
0.	Mei	osis is a process of cell division	encounter	red in	1. 12. S.C.
	A)	keratinocytes	B)	spermatozoa	
	C)	tumour cells	D)	all of these.	
1.	The	somatic chromosome number of	of sheep is		2 F G
	A)	38	·, B)	42	
ž	C)	54	D)	60.	<
2.	The	average semen volume per ejac	ulate of a	boar is	
	A)	10 ml	в)	50 ml	

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D)

600 ml.

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	63.		ndia exotic breed suitable for r	2.26	rea is	the	
		A)	Jersey		B)	Holstein Friesian	10
	- 21			38 1	1000 V		
•		C)	Brown Swiss		D)	Red Dane.	
	64.		largest sheep breed in India is				S.
		A)	Madras red		B)	Marwari	
	1	C)	Lohi	1	D)	Kutchi.	94. 194
	65.	Hig	hly heritable trait in chicken is	10.0			
		A)	Hatchability		B)	Body weight	
		C)	Egg production		D)	Feed efficiency.	
	66.	Rat	e of genetic change depends on				
	1	A)	Heritability		B)	Selection differential	5
	. 9	C)	Generation interval		D)	All of these.	
×	67.	The	chemical name for vitamin E is	s		1. Carlos 1. Car	
		A)	phylloquinine	3	B)	retinol	
		C)	cholecalciferol		D)	tocoferol.	
24.2	68.	The	DCP content of paddy straw p	ercent	age is		
		A)	0		B)	1.0	
63		C)	10		D)	5.	
	69.	Ifa	feed contains over 18% crude	protei	n, it sl	nould be regarded as a	(an)
		A)	mineral supplement		B)	energy supplement	3 I.
		C)	feed additive		D)	protein supplement.	
	70.	Wh	ich one of the following is corre	ctly n	atche	d?	
	4 ²	A)	Vitamin B	22		Night blindness	
1		B)	Vitamin C	÷.,	1	Leg weakness	
		C)	Vitamin A			Carotene	
						Pyridoxine.	
		D)	Vitamin D	1	100	rynuoxine.	24 (j.). 194
		m			- ÷ -		

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71.	Fer	mentation of cellulase in rumen r	esults ir	n formation of
	A)	Acetic acid	B)	Propionic acid
47	C)	Butyric acid	D)	All of these.
72.	Ac	hick requires in its ration		and and a second se
	A)	20% protein	B)	less than 20% protein
aČ	1		DI	more than 40% protein.
-	C)	more than 20% protein	650 03	ant an
73.		h fat poultry diets cause reduced		
	A)	Vitamin A	B)	Potassium
	C)	Calcium	D)	None of these.
74.	Wh	ite muscle disease can be prevent	ed by	
	A)	Cobalt	B)	Iron
	C)	Zinc	D)	Selenium.
75.	Pre	mixes in poultry diet include usua	ally	5 N N N N
	A)	Vitamins	B)	Coccidiostats
	C)	Antibiotics	D)	all of these.
76.	Ab	orse under average stable feeding	g conditi	ion and doing moderately hard work
	will	drink about		
	A)	35 lit/day	B)	15 lit/day
	C)	45 lit/day	D)	20 lit/day.
77.	Har	dness of water is due to the prese	nce of	24 M
	A)	iron and silicate	B)	zinc and phosphate
	C)	calcium and magnesium salts	D)	chlorine and fluorine.
78.	Whi	ich one of the following pairs is no	t correc	tly matched ?
	A)	Goat	-	Kidding
	B)	Dog		Whelping
	C)	Cattle	-	Foaling
	D)	Pig	-	Furrowing.
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	nearing of wool from sheep breed clement weather is	h, tail,	back and hind legs don	e before
A		B) :	Crutching	
C	Snipping	D)	None of these.	
80. M	andya sheep of South India is a		8 G 12	•
A	mutton breed	B)	wool breed	
C	both wool and mutton breeds	D)	none of these.	
81. SI	atted housing for goats is common i	in		
A	Dry areas	B)	Humid areas	
C	Semi-arid areas	D)	None of these.	
82. D	omestic animal with an extremely b	road hab	oltat spectrum is	
A	Sheep	B)	Goat	
C	Pig	D)	Cow.	
83. Ji	ast before furrowing, sow may demo	nstrate		
A	nest building	B)	self-mutilation	
С	tail biting	D)	piglet stealing.	
84. E	gg drop syndrome is especially impo	ortant to		
A	Commercial egg producers	· B)	Broiler producers	
С) Duck producers	D)	Turkey producers.	×., '
85. V	itamin D content in milk can be inc	reased b	y ·	
A) irradiation	B)	ion exchange	
C) cooling .	D)	heating.	
86. T	he pH of milk is			1.0
	7.0	B)	6.5	11
А	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		20 CAL CO 102 1 12	

15 YVAS Names of the species are arranged with regard to an increasing order of fat 87. content in milk. Identify the correct order : A) Cow. goat, sheep, buffalo B) Goat, cow, buffalo, sheep C) Sheep, cow, goat, buffalo D) Goat, sheep, cow, buffalo. When the milk is adulterated with water, freezing point depression will 88. A) be lowered B) increase C) reach towards 0°C D) be maintained. 89. The minimum intensity of light required in the slaughter hall is A) 50 Lux B) 80 Lux C) 100 Lux D) 220 Lux. Haemolymph nodes are totally absent in 90. A) Cattle B) Sheep C) Goat D) Pig. The powerful exotoxin produced by clostridium botulinum possesses special 91. affinity to A) Nervous tissue Blood cells B) C) Kidney D) Muscles. Change in a slaughtered animal which is associated with the growth of 92. putrefactive bacteria when ambient temperature is high is known as A) putrefaction B) decomposition C) gangrene D) necrosis. 93. Ageing of meat brings about disintegration of myofibrillar structure in the A) A-Band I-Band B) C) M-Line D) W-Band. 94. Phosphates are added to certain meat products to A) neutralize the salt B) neutralize the bacterial action C) improve water holding capacity D) increase pH. 5001 [Turn over x 101

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				19 - M. O. M. C.	
95.	The	discrepancy between an inc	lividual's a	ttitude towards innovat	ion and his
	deci	ision to adopt or reject the inn	ovation is l	nown as	
63 2	A)	innovațion discontinuance	B)	innovation dissonance	
	C)	innovation disenchantment	D)	innovation replacement	at.
96.	The	degree to which on innovati	on of perc	eived as consistent with	the values
	exp	erience and needs of receiver i	s known as		3
	A)	Compatibility	B)	Complexity	3. 1910 -
	C)	Incentives	D)	Trialability.	
97	The	amount of lean meat obtained	i from a car	cass is referred as	
	A)	Quality grade	B)	Yield grade	
\$ *	C)	Meat grade	D)	Fat grade.	
98.	Toe	nsure maximum profit for the	producer.	dairy heifers, should be	bred
8	A)	to calve at 24 months of age			
	B)	at 24 months of age	10 11	-	
	C)	during the second or third he	at after on	set of puberty	10
	D)	not later than 9 months of ag	je.	- 8 - e ⁻ *	
99.	Acto	lity in curd is due to production	on of		
	A)	Acetic acid	B)	Propionic acid	3
	C)	Lactic acid	· D)	Formic acid.	
100.	The	common fowl tick is		· · · ·	
	A)	Otobius megnini	. B)	Argas persicus	
	. C)	Ornithodoros moubata	D)	Ixodes ricinus.	
101.	Am	putation of horn is done under	с.,		
	A)	General anaesthesia	B)	Mental nerve block	
10	C)	Cornual block	D)	Maxillary nerve block.	
		9 B	(1993)	ja a	100
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				- X	17				VAD
	102.	The	most suitable age	e for disbud	ding of calve	s is			
1		A)	5 - 10 days	e^{it}	· B)	5 – 10 we	eks		
	83	C)	3 months		D)	1 year.			
	103.	The	pH of rumen cont	tents for not	mal adult co	ow is		Ξŝ	
		A)	2.3 - 3.2)it	B)	3-3 - 4-2	•		
		CI	4.2 - 5.2		D)	6.3 - 7.2.			
	104.	Blue	e tongue in sheep	is a viral di	sease transr	nitted by	8		
		A)	contact		B)	air			
		C)	culicoides fly bit	e	D)	ingestion	of infected	l material.	- 18
	105.	The	recommended s	trategy for	control of	anthrax in	n sheep fl	ock in kn	iown
	÷	anti	nrax belt is				*	1	
		A)	eradication by te	est and slau	ghter				
		B)	annual vaccinati	lon					
	8	C)	prophylactic trea	atment of al	sheep	01 \$2			
	÷.	D)	elimination of in	contact fera	l animal pop	ulation.			3
í,	106,	The	agent used to pro	duce a long	term 'one y	ear' immun	ity to tetai	nus toxin i	8
	. • •	A) '	hyperimmune ar	ntiserum		÷.,			
		B)	killed tetanus ba	cteria		<i>a</i> :		ы 8	
		C)	antitoxin		*		14	4	
		D)	formalin treated	aluminium	hydroxide p	recipitated	tetanus to	xin.	
	107.	Clini	ical signs of PPR (peste des p	etits rumina	nts) do not	occur nat	urally in	
		A)	sheep		B)	goat		•	
	8	C)	cattle		D)	gazella.			catt 3
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				2		- 2		7	10

		2				
YVA	5		18			12000
108.	In I	Rabies, the progress of virus	from the site	or bite to brain is thr	ough	2
942) 22	A)	haematogenous route	B)	lymphatic route		
22	C)	nervous route	D)	beta cells.		55.
109.	Fee	ding excessive amount of u	rea results in f	ormation of		
	A)	Nitrate	B)	Nitrite	13	
	C)	Ammonia	· D)	Diureido isobutane		a (4) (
110.	Woo	olsorter's disease is a term r	nainly associa	ted with		÷.,
	A)	Salmonellosis	B)	Pasteurellosis		
	C)	Anthrax	D)	Streptococci.		
111.	The	common anticoagulant use	d in clinical la	boratory is		
•	A)	Potassium nitrate	B)	Sodium carbonate		33
	C)	Sodium citrate	D)	Ascorbic acid.	2. 12	
112.	Lat	e abortion in cow is due to			÷.,	
	A)	Trichomoniasis	B)	Vibrio foetus		
	C)	Leptospirae	D	Brucella.		
113.	Ma	nganese deficiency in chicke	n leads to			
	A)	Muscle weakness	B)	Paralysis		147
3	C)	Joint ill	D)	Perosis.		0
114.	Bad	cteria infecting the perforate	d wound are	3		
22	A)	Aerobic	B)	Putrefactive		
	C)	Anaerobic	D)	Thermophilic.		13
115.	Loc	al death of cells in a living l	oody is called	54°		
	A)	Putrefaction	B)	Gangrene		
	C)	Necrosis	DI	Somatic death.		
- 172	ต		5001	¥2		
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116.	Ber	i-beri is caused by the deficiency	of		
19	A)	Vitamin A	B)	Vitamin C	
x	C)	Riboflavin	D)	Vitamin B ₁ .	
117.	Har	dening of arteries is known as		13	
	A)	Hypertrophy	B)	Arteriosclerosis	
	C)	Arteritis	D)	Angilitis.	
118.	Blac	ck quarter is caused by		20 20	
	A)	Clostridium botulinum	B)	Clostridium septicum	
4	C)	Clostridium chauvoei	D)	Clostridium sporogenes.	
119.	Wet	l's disease (Leptospirosis) in ma	n is caus	ed by	
ε.	A)	L. Pomona	B)	L. Canicola	
	C)	L. Icterohaemorrhagiae	D)	L. Grippotyphosa.	
120.	Red	dysentery in calves is caused by	,		96 03
	A)	Toxocare vitulorum	B)	Bunostomum sp	
	C)	Eimeria zurunii	D)	Toxoplasma sp.	10
121.	The	master gland controlling all othe	er endocri	ine organs is	
	A)	Thyroid	B)	Adrenal	
	C)	Pancreas	D)	Pituitary.	
122.	Dia	phragm in birds	5		
	A)	divides thoracic cavity and abd	ominal ca	vity	
2 12	B)	divides thoracic cavity and pelv	ic cavity		Ċ.
2 X	C)	divides abdominal cavity and p	lvic cavit	у.	
	Ď)	is rudimentary and does not for	m partiti	on.	
	n	2 °			irn over
x 10		-	001	(10	in in over

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	123.	Blog	od agar is used for studying b	acterial			
		A)	motility		B) .	fermentation	
	80	C)	haemolysis	. 1	D)	genetics.	
	124.	The	rmophilic organisms require (he temp	erati	ure of	
iit.		A)	40* C	2	B)	37* C	
	4	C)	30° C		D)	20* C.	
	125.	Bac	illary white diarrhoea is cause	ed by			
		A)	Salmonella pullorum		B)	Salmonella gallinarum	
	2	C)	Salmonella typhi		D)	Salmonella typhimurium.	
	126.	Foo	t rot is caused by		1	- 10 R	
		A)	Spherophorus necrophorus		B)	Streptococcus sp	
10	3	C)	Clostridium chauvoei	-	D)	Staphylococcus aureus.	
22 2018 2018	127.	Pro	lene is a				
70 20		A)	synthetic absorbable suture	materia	d		
	· .	B)	synthetic non-absorbable su	ture ma	ateria	a	
		C)	biological non-absorbable su	iture ma	ateria	d .	
		D)	biological absorbable suture	materia	al.		
13	128.	Per	ineal hernia is common in	\mathbb{R}^{2}	а 13	94 15 19	
	3	A)	old castrated dogs		B)	old spayed bitches	
	<i>*</i> .	C)	old uncastrated dogs		D) .	old unspayed bitches.	
	129.	Ca	stor oil is classified as a				
		A)	Bulk purgative	; ,	B)	Irritant purgative	
		C)	Neuromuscular purgative		D)	Mechanical laxative.	
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	1.			21	10			ŝ	YVAS
	130	Th	e mechanism of action of	chloramphenio	col is	by			35
	ŝ.	A)	interferences with cell	wall synthesis					
		B)	antimetabolite action		т. Ц		8		
	21	C)	interference with prote	in synthesis					
		D)	impairment of cell men	nbrane permea	bility	<i>.</i>	10		£3
	131	An	example of short acting	barbiturate is					
		A)	Pentobarbital	В)]	Phenobart	oital		
	38	C)	Thiopentone	D) 1	Barbitone.	*2	2	ас. ,
	132.	Th	e anticonvulsant preferre	d for long term	seiz	ure contro	l in dog is	,	
	ġ,	A)	Primidone	В) 1	Phenytoin			120
		C)	Phenobarbital	D) 1	Diazepam.	2		
	133.	Ket	tosis which occur due to	excessive amou	int of	fbutyrate	in silage	is called a	IS
		A)	Estate Acetonemia	B) :	Secondary	Ketosis		
	3	C)	Starvation Ketosis	D) /	Alimentary	Ketosis.		-
•	134.	Gra	ass tetany is characterise	d by					
	•	A)	low serum magnesium	level			s		40 10
		B)	low serum calcium leve	4					
		C)	low serum phosphorus	level					
		D)	low serum sodium level	1.		10 N 10			
	135.	Thr	ombosis occurs when the	ere is	۰ <u>.</u> ۱	з () (с. е			
		A)	injury to the above end	othelium	8		24	58 57	
	. 8	B)	alteration in the blood <i>i</i>	low		385 5			
		CI	alteration in blood cons			2		E .	
						i tere "			
ì	20072	D)	all these factors.	· ·			. 8		
	x 101	9	a., ³⁶ - 7	- 5001		14		[Turn	over

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136. Aspergellosis in birds produces

A) Generalised mycosis
 B) Brooder pneumonia

C) Granuloma

D) Hepatitis.

137. Blood smears are examined before opening the carcass during postmortem

A) to rule out any bacterial diseases

B) to rule out any viral diseases

C) to rule out any fungal diseases

D) to rule out anthrax.

138. In horses, gall bladder is

A) present

B) absent

C)

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C) attached to the dorsal surface of the liver

D) attached to the parietal surface of the liver.

139. The bony framework of the bird (chicken) is made light due to the presence of

A)	air cavities in the bones	B)	air sacs	

C) length of the long bones D) none of these.

140. Mycobacteria can be stained by

A) Gram's staining
 B) Leishman's staining

Perls' staining D) Zichl-Neelsen staining.

141. Necrotic hepatitis in birds is a pathognomonic lesion in

A) Fowl cholera . B) Fowl plague

C) Gumboro disease

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D)

Aflatoxicosis.

142. Haematuria in cattle is produced by

A) consumption of bracken fern

B) consumption of aflatoxin

C) consumption of T2 toxin

D) consumption of citrinin.

143. Which one of the following is correctly matched ?

A)	Epistaxis	_	blood in urine
B)	Haemoptysis	-	bleeding from the nose
C)	Haematuria	-	blood in the sputum
D)	Melena	_	blood in stools.
			anna a Chairtean an 16 a' th

144. Which one of the following pairs is not correctly matched ?

	A)	Ketosis		Acetonemia	
	B)	Gangrene	_	Necrosis with put	refaction
	C)	Rigor mortis	_ ^	ATP	
	D)	Cloudy swelling	<u> </u>	Fluorosis.	20
145.	Bea	t fertility rate can be obtaine	d if cows are	inseminated during	the period of
	A)	Diestrum	B)	Metaestrum	
	C)	Estrum	D)	Proestrum.	
146.	The	first facces passed by a new	born is called	las	
	A)	Runt	B)	Colostrum	
	C)	Guar	D)	Meconium.	53
147.	Clo	sure of the lumen of a hollow	organ or due	ct in a living body is	called
	A)	Aplasia	B)	Atresia	
	C)	Agenesia	D)	Atrophy.	Ø
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		ich one of the follo	wind diese				
			wing usea		A 6 7		
а і	A)	Rabies		B)	Anthrax	- <u>2</u> - 2	
к _{а с} ,	C)	Poliomyelitis		D)	Tuberculosis.		. 0
1 4 9. 1	The	condition in which	ch crystals	of uric acid o	or urates of sodiu	m and calciur	n are
1	dep	osited in the tissu	es is called	۱			
à	A)	Gout	98 57	B)	Pica	÷.	
	C)	Myxedema		D)	Obesity.		
EO	A						
50. 1	A CI	rcumscribed cavit	y in the ep	idermis conta	aming pus is calle	sa .	
	A)	Ulcer		B)	Papule		
	C)	Pustule	9 (I	D)	Pimple.	nan sa Gi Ti	
51. 1	Fem	ales that have new	ver conceiv	ed or carried	a young are calle	d	*. ¹²
ļ	A)	Monotocous		B)	Nullipara		5
	C)	Primipara		D)	Unipara.		
52.	In c	ows, after parturi	tion, the pl	lacental mem	branes are const	dered as "reta	ined"
3	if th	ey are not expelle	d within	30 30			
- 1	A)	1 - 4 hours		B)	4 - 8 hours	- ¹⁰ 2	
	C)	8 - 12 hours	n a stora	D)	20 - 24 hours.		
53.	The	length of the estr	ous cycle i	n a normal co	ei wo	9	
	À)	56 days		B)	28 days		
Ľ.	C)	21 days	45 12	.D)	14 days.	8	÷
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	164	The	number of send	an that say h		I not much for a h!	her healt to the
	154.			ces that can be	e amowed	i per week for a healt	ny buu in its
		prii	me age is	2		1000	
		A)	1		B) .	5	
		C)	7		D)	14.	
	155.	"Ór	chitis" is the infla	mmation of	11	100 M	
		A)	Ovaries		B)	Testis	
-		C)	Joints		D)	Penis.	
	156.	Su	perovulation in cov	ws can be indu	ed by	0.000	
		A)		63	B)	Prostaglandins	
	115152	5582			0,62)		- 18
	1.110	C)	FSH	3	D)	LH.	(a)
	157.	Sel	ect the correct sta	tement :	6		8. 3
		A)	Tetanus is cause	ed by clostridiu	m tetani		26
		B)	Black quarter is	caused by clos	tridium s	septicum	
		C)	Braxy is caused	by clostridium	perfringe	ins	
		D)	Enterotoxaemia	is caused by clo	ostridiun	n chauvoei.	
	150	117				the motohod 2	,
	156.	wn	ich one of the follo	wing pairs is n	of correc	uy matcheu ?	
		A)	Vitamin E	•		antisterility factor	
		B)	Vitamin A		-	anti-infection factor	
		C)	Vitamin D		_	antirachitic factor	
		D)	Vitamin K		_	antiscorbutic factor.	
	159.	What	ich of the following	g species is poly	estrus ?		
8		A)	Cow		B)	Bitch	28
	× .	C)	Cat		D)	Ewe.	
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10	160.	Bet	a cells of the islets of Lang	erhans produc	ce .		s ⁰				
	\geq^{10}	A)	FSH	B)	Insulin	01					
		C)	Thyroxine	. D)	Prolactin	L.	*.;:				
	161.	Hu	moral immunity is produce	d because of							
		A)	B-Lymphocytes	B)	T-Lymph	locytes					
	252	C)	Large Lymphocytes	D)	Small Ly	mphocytes.	12				
	162.	Whi	ich one of the following has	s the highest a	rterial blood	i pressure ?					
		A)	Horse	· B)	Cow						
	8	C)	Sheep	D)	Birds.						
	163.	Con	sider the following statem	ents :							
3		I.	Laparotomy in dogs can be performed from mid-line incision.								
		II. Laparotomy in dogs can be peri			from parame	dian incision.	1				
	8	ш.	Laparotomy in dogs can be performed from paracostal incision.								
		IV.	V. Laparotomy in dogs can be performed from incision over ischiorec								
		Of	the statements			1.	10-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-				
		A)	(I) alone is correct	×.							
		B)	(II) alone is correct		94 		32 E)				
		C)	(I), (II) & (III) are correct			8	a				
		D)	(I), (II) & (IV) are correct.	24 . 26							
	164.	Ma		2							
	0000	 Malignant tumours are always harmful because A) tumours may metastasize in other vital organs 									
		B)	there is rapid growth	1997 - 1997 -							
		C)	there are chances of reo	currence		88					
		D)	all of these.				*				
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165. Which of the following is corrctly matched ?

A)	Oedema of oviduct	-	Hydrocephalus
B)	Fluid in testes	-	Hydrocele
C)	Fluid in peritoneum	-	Hydropericardium
D)	Generalised subcutaneous oedema		Anasarca.

166. Causative bacteria for, Haemorrhagic Septicemia, a disease encountered in cattle

is

A) Pasteurella multocida

B) Streptococcus

C) Staphylococcus

D) · Cornybacterium tuberculosis.

167. An opening for the aorta in the diaphragm of ox is called as

A) Hiatus aorticus B) Foramen ovale

C) Bulbus aorticus
 D) Ductus arteriosus.

168. Arrange the joints of thoracic limb of ox in sequential order from proximal to distal end :

A) Shoulder, Elbow, Knee, Fetlock, Pastern, Coffin

B) Shoulder, Knee, Elbow, Pastern, Coffin, Fetlock

C) Shoulder, Knee, Elbow, Fetlock, Pastern, Coffin

D) Shoulder, Elbow, Knee, Coffin, Pastern, Fetlock.

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169. Consider the following statements;

Glycogen can be broken down to glucose by skeletal muscles

II. Glycogen can be broken down to glucose-1-phosphate by skeletal muscles

III. Glycogen can be broken down to glucose-6-phosphate by skeletal muscles

IV. Glycogen can be broken down to glucose-3-phosphate by skeletal muscles.

Of these statements

A) (I) alone is correct

B) (II) alone is correct

C) (III) alone is correct

D) (II) & (IV) are correct.

170. Which one of the following can be used for detection of liver dysfunction in dogs ?

A) Alanine amino transferase

B) Aspartate amino transferase

C) Sorbitol dehydrogenase

D) L-Glutamic dehydrogenase.

171. Consider the following statements :

I. Mycobacterium paratuberculosis is found intracellulary

II. Brucella abortus is found intracellulary

III. Rickettsia is found extracellulary

IV. Brucella abortus is found extracellulary.

Of the statements

A) (I) alone is correct

B) (II) alone is correct

C) (I) & (II) are correct

D) (I), (II) & (IV) are correct.

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172. Normal presentation of the foetus relates

A) the dorsum of the foetus to quadrants of maternal pelvis

B) the spinal axis of the foetus to the spinal axis of dam

C) the extremities of the foetus to the body of the foetus

D) the head, neck and limbs of the foetus to the body of the dam.

173. Anestrus may be a herd problem because of

- A) hormonal distrubances B) uterine infection
- C) nutritional causes D) lack of teaser.

174. Assertion (A): LH hormone is used for the treatment of cystic ovarian degeneration.

Reason (R) : LH causes development and maturation of follicle.

Now select your answer according to the coding scheme given below :

A) (A) is true but (R) is false

B) (A) and (R) are false

C) (A) and (R) are true and (R) is the correct reason for (A)

D) (A) and (R) are true, but (R) is not the correct reason for (A).

175. Hudson's teat spiral is used for surgical correction of

- A) teat fistula
 B) teat polyps
- C) teat spider D) hard milker.

176. Which one of the following is the correct sequence for development of X-ray film ?

A) Rinsing, developing, washing, fixing, drying

B) Developing, washing, fixing, rinsing, drying

C) Developing, fixing, washing, rinsing, drying

D) Developing, rinsing, fixing, washing, drying.

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177. $POF_2 \alpha$ is used in embryo transfer technology because

A) it causes the lysis of corpus luteum

B) it causes the synchronization of estrus

C) it regulates the estrus cycle

D) it clears the uterine infection.

178. Ketosis can be prevented by supplementing

A) Calcium borogluconate

B) Maize

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C) Ammonium chloride

D) 10% Magnesium sulphate.

179. Consider the following statements :

I. Tuberculosis is transmitted by ingestion of milk

II. Tuberculosis is transmitted by inhalation

III. Tuberculosis is transmitted by ingestion and inhalation

IV. Tuberculosis is transmitted by blood sucking insects.

Of the statements

A) (I) alone is correct

B) (II) alone is correct

C) (I), (II) & (III) are correct

D) (I), (II) & (IV) are correct.

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180. Consider the following statements :

- I. African horse sickness is a disease of horses, mules and donkeys
 - II. African horse sickness is caused by arbovirus.
 - III. African horse sickness has also been noticed in India
 - IV. African horse sickness is not transmitted by biting insects.

Of the statements

- A) (I) alone is correct
- B) (II) alone is correct
- C) (I) & (IV) are correct
- D) (I), (II) & (III) are correct.
- 181. The characteristic lesion of chronic Fascioliasis is
 - A) Granulomatous reaction
 - B) Black's disease
 - C) Traumatic hepatitis
 - D) Clay pipe cirrhosis.
- 182. The most pathogenic stage of Schistosoma nasale is
 - A) Adult
 - B) Cercaria
 - C) Eggs
 - D) Schistosomula.
- 183. The drug of choice for Theileriasis is
 - A) Berenil
 - B) Buparvaquone
 - C) Oxytetracycline
 - D) Salinomycin.

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184. Normal or physiologic saline (0.9% NaCl solution) is a law

A) isotonic solution

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- B) hypertonic solution
- C) hypotonic solution
- D) none of these.
- 185. Contagious mastitis in bovines is due to
 - A) Streptococcus dysgelactiae
 - B) Streptococcus agalactiae
 - C) Staphylococcus hylcus
 - D) Corynebacterium bovis.

186. Sterilization in autoclave is by

- A) saturated steam at 15 lb pressure at 121° C
- B) moist heat at 90°-100°C
- C) short exposure to heat at lower temperature
- D) dry heat at 160° C.
- 187. Vaccine against distemper, canine hepatitis, leptospirosis and rables by Serum Institute of India is

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- A) Pentadog vaccine
- B) Candur DH
- C) Canilep DHL
- D) Vanguard.
- 188. Rickets is due to the deficiency of
 - A) Vitamin A
 - B) Vitamin D
 - C) Vitamin E
 - D) Vitamin K.

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189.	Oily	y substances used to soothe in	ritated skin	or mucous membrane ar	e called
	A)	Emollients	B)	Demulcents	5. C
- 1, ⁻¹	C)	Astringents	D)	None of these.	e.
190.	The	important metabolic hormon	e is	a 14	
2 22	A)	Parathyroid	B)	Thyroid	
	C)	Pituitary	D)	Hypothalamic hormone	s .
191.	Cal	cium deposition in bone is pro	moted by .		
	A)	Vitamin D	B)	Thymosci	
	C)	Calcitocin	D)	Parathormone.	
192.	Rot	ughage utilization in rumen is	promoted by		
	A)	Rumen microbes	B)	Rumen pH	a., *
	C)	Rumen temperature	D)	All of these.	
193.	Cal	cium favours		1	
	A)	heart contraction	B)	heart relaxation	
	C)	heart inhibition	D)	no effect.	•
194.	Ten	operature regulated centres ar	e located in	e () a	, (
53	A)	Pons	B)	Medulla oblongata	* * 2
	C)	Cerebral cortex	D)	Hypothalamus.	
195.	Fur	ictional unit of kidney is	() (R		
	A)	Ureter	B)	Nephron	
	C)	Glomerulus	D)	PCT.	194 - 194
196.	Plac	cental type in bitch is		1	
್ಷಣ	A)	Discoid	B)	Cotyledonary	a .
	C)	Zonary	D)	None of these.	
÷.					
x 10	9		5001	*	Turn over

3						
YVA	5			34		
197.	Par	turition is a comple	x process ini	tiated by		
	A)	foetal ACTH		B)	increased es	trogen
	C)	prostaglandin		D)	all of these.	
198.	Ges	station period in sov	v is	-		12
	A)	115 days	30 ₆₈	B)	220 days	
	C)	240 days		DI	150 days.	
199.	The	PCV value of blood	in animal ra	nges from	i t	
or Dhill D	A)	38 to 45%	1	B)	32 to 37%	
8	C)	30 to 33%	• • •	D)	35 to 38%.	*) *
200.	The	e most ideal contras	t agent used	for spinal	radiography i	5

A) Metrizamide

B) Barium sulphate

C) Iopamidol

D) Iohexol.