Total Marks obtained:

In figures: In words:

Signature of examiner:



B.V.Sc. & A.H. (First Professional) Examination – 2022 Veterinary Physiology Paper –II (MSVE 2016)

Time: Three Hours

Maximum Marks: 100 Weightage: 20

Unit-3: Excretory and Endocrine Systems.

Unit-4: Reproduction, Lactation, Growth and Environmental Physiology.

Instructions:

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- 1) Attempt all questions
- 2) Answer of all questions is to be written in the space provided along with the question in question-booklet.
- 3) Overwriting is not allowed in the objective type question.

Q.1	Fill in the blanks. $(20x0.5 = 10)$
1.1	is an example of long-day breeder animal.
1.2	helps to regulate energy balance by inhibiting hunger, which in
1.3	turn diminishes fat storage in adipocytes.
1.3	Chalones act as inhibitor of activity of cells.
1.5	is an example of monoestrus animal.
1.6	is more influential on peripheral vasoconstriction and blood pressure.
1.7	provides a more reliable measure to estimate the age of the fetus.
1.8	Sweat glands are absent in
1.9	Mammary gland growth showsshape of curve.
1.10	part of brain is involved in anger, excitement, sexua
	activities and hunger.
1.11	Creatinine is an end product from the metabolic breakdown of
1.12	Kidneys of birds can synthesis nitrogenous end product called
1.13	The content of α-lactalbumin in the mammary tissue is an indicator of
1.14	is the act of mating in sheep
1.15	side ovary is functional in case of the birds.

and the second of the second o	our Roll Number above this line -	
Please write y	our Roll Name	
	for secretion through	part of oviduct.
1.16 The color of eggs is responsible	101 300	animals.
1.17 A glance penis is present in	the state of the s	
(2011년) 1일	is the variable	
1.18	the classical condi	tioning kind of the
1.19e	xperiment shows the classical condi	o. the
learning.	often occurs be	fore the birth onli
1.20 Differentiation of the	tissues are often occurs be	on in only.
	and write the number of the correst each sub question: $(20x0.5 = 1)$	ect answer 1 or 2
2.1 Allen's Rule stated or related to)
1. Internal body chan	ges with climate	
2. Extremities of the	body	Gerson Factoria
3. Body coat color		
4. Insulating cover		
2.2 ANP is released from organ)
1. Liver		
2. Kidneys 3. Heart	[일시 조기인 및 시기 결혼시 회사 (14) [18]	
4. Spleen		
	OT amino acid derivative hormone (
1. T3	or animo acid derivative normone (.)
2 Melatonin	흙팅이 경험을 받는 아래를 살려왔다.	
<3. CRH		
4. Epinephrine		
2.4 Which is the correct sequence for	cleavage of embryo	
Lygole - Gastrula -	Morulo Diant)
2. Uasii ula – Zvonte –	Momila D	
	Clastorial	
	lastocyst – Gastrula lastocyst – Gastrula	
r -s uiso caneu as		
1. Aestivation	()
2. Hibernation3. Torpor		
9-POI		
.6 Types of nephrons are present in b		
1. Rentilian turn	irds	
ACPUIIIAII IVNA	()
2. Mammalian type 3. Both 1 & 2		
4. Only reptilian type The behaviour indicates preference 1. Social dominance 2. Communication I.	그 이번 열심하다는 것이 그릇이 되었다.	
1. Social da preference	to live in float	
2. Communication	in Hocks or herds	
2. Communication behaves	viour	
3. Gregarious behaviour 4. Agonistic behaviour		
Somstic behaviour		

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VPY/Paper-II/80/S1/1st Yr/2022/M

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VPY/Paper-II/80/S1/1st Yr/2022/M

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Page 7 of 16



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Please write your Roll Number above this line
4.3 Explain different ingestive behaviour in animals.
4.4 Factors influencing postnatal growth.
X X

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