## B.V.Sc. & A.H. (Second Professional) Examination - 2023 Veterinary Microbiology Paper -II

Time:	Three Hours  Maximum Marks: 100  Weightage: 20			
Unit-5	(Veterinary Immunology and Serology) (General and Systematic Veterinary Virology)  etions:  Attempt all questions  Answer of all questions is to be written in the space provided along with the question in question-booklet.  Overwriting is not allowed in the objective type question.  Fill in the blanks.  (20x0.5 = 10)			
1.1	An epitope located in the variable region of an immunoglobulin molecule			
1.2	The controlled self destruction of a cell is			
1.3	The strength of binding between two molecules of such as Antigen & Antibody is known as			
1.4	The inability of an animal to mount an immune response against a specific antigen			
1.5	are the macrophages present in the kidney.			
1.6	Atopy and anaphylaxis are the examples ofhypersensitivity.			
1.7	Clonal Selection Theory was given by			
1.8	In Immunodiffusion, if the precipitation lines merge with a spur formation, is indicative ofidentity.			
1.9	Lectin Pathway of complement system is a part ofimmunity.			
1.10	Interleukin 1 is secreted by			
1.11	The disease which has been successfully eradicated globally after small pox			
	is			
1.12	Creeping is the feature of viruses.			
1.13	is  Creeping is the feature of viruses.  BHK stands for  Chicken Infectious anaemia is caused by			
1.14	Chicken Infectious anaemia is caused by			
1.15	Retro viruses were named after the discovery of enzyme			
1.16	Blue comb disease of turkey is caused by			
1.17	selectively replicate in cloacal bursa leading to enlargement			
	upto 5 times.			

2.8	Active im	munity is not acquired by-yountry on minutes	i dan emi	1611	m ( P m	
	1.	Infection 7/47 m DEEE m				
	2.	Vaccination 9505 h 3831 n				
	3.	Colostrum OFT IS DIES				
	4.	Toxoid injection				
2.9	Hapten -	- an nvenná ozla zi zittít		(	)(() )	
	1.	Produces humoral immunity-imaged ordinacy and				
	2.	Binds to carrier to produce its effect	Omine 7	5		
	3.	Is high molecular weight protein - requestion				
	4	I - 41	1175			
2.10	Evennle	of pattern recognition receptors is -	rente is en	Coin	( W	
2.10	Example			1	,	
		Tall like recentor	-Vilante			
		MUC aloge II protoing	se AloY			
		OTS 4 ' and T and				
	4.	CD protein on T-cell ne distemper virus is antigenically and closely re	alated to	noil	uff (	
2.11	The canin	ne distemper virus is antigenically and closely to	stated to	(	)	
	1.	Measles	96108 J			
	2.		nique l			
	3.		(IMI)			
	4.	None of the above	<u>001</u> (00	1111	isslin's	ŕ.,
2.12	Which of	the following family is not a member of Order	Mononeg	avira	iles-	
			hauman	O(12)	45 T	
		Paramyxoviridae				
	2.	Rhabdoviridae				
	3.	Filoviridae				
	4.	Orthomyxoviridae		,	` -	
2.13	DNA arb	ovirus is –			)	
	1.	Sui Pox virus				
	2.	African Swine Fever Virus		44.	11:	
	3.	Classical Swine Fever Virus				
		Fowl Pox				
2.14	Which of	the following are devoid of nucleic acid -		(	)	
2.14	- 1.	RNA virus				
	2.	Prion				
	3.	DNA virus				
	4.					
0.15		test is performed to diagnose		(	)	
2.15	Coggnis 1.					
	2.	Swine flu	*			
	3.					
	4.	Canine Distemper				
				(	)	
2.16		arcoids are caused by –				
	1.					
	2.	Pox virus				
	3.					
	4.	Herpes Virus				

Please write your Roll Number above this line -

	F	Please write your Roll Number above this line —	
2.17	1. Ci 2. Cl 3. Hi 4. Po	can agglutinate crythrocytes of- nicken RBC at 37°C nicken RBC at 20°C nman RBC at 37°C orcine RBC at 4°C	
2.18	Old Dog End 1. In 2. Co 3. Co	cephalitis is also known as - fectious canine hepatitis nnine parvo viral diarrhea nnine Distemper	( Papil ) p
2.19	1. C 2. A 3. Y 4. Ir	llantoic olk sac tra venous	
Q.3 A	1. H 2. C 3. L 4. F Attempt any	ten out of the following twelve questions. Ans ld be in 2 to 3 lines. (1	swer of each $0x2.0=20)$
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			, 211
3.2	Allergy		
3.3	Allotype		
<u>-</u>			
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	Please write your Roll Number above this line ————————————————————————————————————		
2.0	Viroid		
3.9	V HOIG		
2.10	Coggins test –		
3.10	Coggnis tess		
3.11	EDS-76	COUNTY OF	
)			
<u>-</u>			
	diagonas		
3.12	Emerging and re-emerging diseases		
igures.			
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-			
Q.4	Attempt any <u>six</u> out of the following eight questions. question should be in 8 to 10 lines.	Answer of eac $(6 \times 6.0 = 36)$	
4.1	Properties of good antigen		
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