B.V.Sc. & A.H. (Second Professional) Examination – 2023 Animal Genetics and Breeding Paper -II

Unit-3 (Principles of Animal Breeding) Maximum Marks: 100 Weightage: 20 Instructions: Attempt all questions 1) Answer of all questions is to be written in the space provided along with 2) Overwriting is not allowed in the objective type question. 3) Q.1 Fill in the blanks. Karan-Swiss is the cross of Brown-Swiss with.... (20x0.5 = 10)Mating of large bull to small cow is known as assortative mating. 1.2 The interval between two successive calving is known as 1.3 Positive heterosis is called as 1.4 For selection of carcass traits evaluation of animal is done by 1.5 Uttara is the indigenous breed of 1.6 Home tract of Mewari breed of Poultry is instate 1.7 Inbreeding coefficient was first given by..... 1.8 An example where relationship coefficient is one 1.9 1.10 The cattalo is the name given to the progeny produced by crossing and Bison. 1.11 ICDE stands for.... is the ability of an individual to stamp its characteristics on the 1.12 progeny. 1.13 The swamp buffalo breed of India is..... 1.14 The total number of registered cattle breeds in India are 1.15 National Bureau of Animal Genetics Resources is located in..... 1.16 BLUP stands for 1.17 Procedure of selection for a trait by genetic marker is called the..... 1.18 Mating of purebred (inbrod)males with unrelated females is called 1.19 Semen having X- or X- bearing sperms to produce progenies of a desired sex either female or male is known as

AGB/Paper-II/83/S1/2nd Yr/2023/M

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	Please write your Roll Number above this		
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29 Heterosis in 1	Fi generation is agust	,	
	Zuyz	Samuel Ny design	
2.	∑d2y2		
3. 4.	∑dy3		
	∑d3y3		
2.10 Co-efficient	of relationship between two dizygotic twins is		
2.	100% two dizygotic twins is	()	
	50 % 25 %		
4.	75 %		
2.11 A new breed 1.	can be evolved by	4 10	
2.	Grading ap Out crossing	()	
3.	Cross breeding		
4.	Inbreeding		
2.12 In situ conse	vation		
1.	Freezing of semen		
/ 2.	Maintaining live animal 1	Here	
3.	Freezing of embryos		
4.	All the above		
2.13 Jersind cattle	is the cross of Jersey with		,
/ 1.	Iharparker	(.)	
2.	Sahiwal	Mario di manif	/ 1
3.	Gir		
4.	Red Sindhi		
.14 National Res	earch Centre (NRC) on camel is situated at	/ ,	
* 1	sarpar	()	
2.	Hisar Karnal	/	
4.	Bikaner		
2.15 'Sanchori' is	the breed of		
1.	Cattle	()	
2.	Buffalo		
3.			
4.	Goat		
.16 Ability of fen	nale animal of produce large numbers of youn	g oneg in that the	
span is called	as multiples of your	g ones in their life	
1.	Prepotency		
2.	Prolificacy		
3.	Probability		
17 1.	Repeatability		
Inbreeding co	efficient of full sib	()	
. 1.	0.50		
2.	0.25		
	0.75		
4.	1.00		
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2.18 Which of these native breed was used for the develophule Traveni' 1. Sahiwal 2. Gir	opment of synthetic bis
1. Sahiwal	/()
3. Red Sindhi	
4. Tharparkar	
2.19 Exotic breed for pelt production 1. Australian merino 2. Soviet merino 3. Karakul 4. Rambouillet	
2.20 Which of the following exotic cattle breed is suitable where the climate is hot and sufficient irrigation facilities	in most parts of India are not available
Brown Swiss Ayrshire Holstein Friesian	
4. Jersey	made to
Q.3 Attempt any ten out of the following twelve question question should be in 2 to 3 lines.	ons, Answer of each $(10x2/0=20)$
3.1 Breed descriptors	
	urfunuananununanananana
3.2 Selection differential	0 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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	A H A H A
3.3 Elite female	to as diene
	to as diene
3.3 Elite female	to as diene











