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W-133-2018

FACULTY OF SCIENCE

B.Sc. (Third Semester) EXAMINATION OCTOBER/NOVEMBER, 2018 (CBCS/CGPA)

ZOOLOGY

Paper-VI

(Genetics)

(MCQ+Theory)

(Thursday, 25-10-2018) Time: 2.00 p.m. to 4.00 p.m. Time—Two Hours Maximum Marks—40 N.B. : (i)Attempt All questions. All questions carry equal marks. (ii)Draw neat and labelled diagrams wherever necessary. (iii)MCQ 10 1. Select *correct* answer from the given multiple choices : (i)The organism carrying non-identical genes for particular character is called as (*b*) Hybrid (a) Heterozygous Homozygous Both (a) and (b)(c)(d)Dominant character (*b*) Recessive character (a) Degenerative character Aggressive character (c) (d)(iii) Epistasis means (a) Stopping (*b*) Inhibiting Both (a) and (b)Ending (c) (*d*)

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ı		(2)	W—133—2018	
(iv)	The	theory of linkage was propo	osed by		
	(a)	T.H. Morgan	(<i>b</i>)	Bateson	
	(<i>c</i>)	De Vries	(<i>d</i>)	Malphigi	
(<i>v</i>)	The	O blood group person is cal	led as		
	(a)	Universal Recipient	(b)	Universal Donor	
	(<i>c</i>)	Common Donor	(d)	Normal Donor	
(<i>vi</i>)	The	colourblindness in man sho	ws		
	(a)	Cris cross inheritance	(b)	Zig-zag inheritance	
	(<i>c</i>)	Both (a) and (b)	(<i>d</i>)	Straight inheritance	
(vii) The	chromosomal theory of sex d	eterminati	on was proposed by	
	(a)	M.C. Clug	(<i>b</i>)	Morgan	
	(<i>c</i>)	Bridges	(d)	John Cotto	
(vii	i) The	sudden, abrupt and inherit	able chang	ges in genes and chromosomes	
É	are	called as			
03 T.	(a)	Modifications	(<i>b</i>)	Mutations	
	(c)	Adaptations	(d)	Recombinations	
(ix)		is called as Mo	ongolism 'o	or' Mongoloid idiocy.	
	(a)	Klinefelter's syndrome	(<i>b</i>)	Down's syndrome	
	(c)	Turner's syndrome	(<i>d</i>)	Albinism	
(x)	The	The micromolecular model of DNA was proposed by			
	(a)	Watson and Crick	(<i>b</i>)	Mendel	
COVE OF		Chargaff	(d)	Punnet	

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