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B.Sc. (Part—II) Semester—IV Examination FORENSIC SCIENCE

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(Forensic Biology)

Time : Three Hours] [Maximum]						arks: 80	
	Not	e :	- (1)	All questions are compulsory.			
	(2) Q. No. 1 carries 8 marks and remaining question carry 12 marks each						6
	(3) Illustrate your answers will well labelled diagrams wherever necessary						
1.	(A) Fill in the blanks:—						
		(i) The term cell was coined by					
		(ii) The membrane around the vacuole is called					
		(iii) Viruses that attack bacteria is commonly called as					
		(iv) A mutation which occurs due to addition of extranucleotide is called					
	(B) Choose correct alternative from the following:—						
		(i) A reliable evidence of sex identification is					1/2
			(a)	External sexual character	(b)	Sex Hormone level	
			(c)	Presence of ovary & testis	(d)	Sexual behaviour	
	(ii) Blue line on the gums indicates poisoning with					1/2	
			(a)	Mercury	(b)	Lead	
			(c)	Cadmium	(d)	Arsenic	
		(iii) The best bones for determining sex are:					1/2
			(a)	Skull and long bones	(b)	Skull and Pelvis	
			(c)	Pelvis and long bones	(d)	Sternum and long bone	
		(iv) Sign of general violence in raped female victim is —					1/2
			(a)	Hair disarrangement	(b)	Tears in clothes	
			(c)	Nail abrasions around mouth	(d)	Abrasion in inner side of thigh	
	(C)	(C) Answer in ONE sentence:					
		(i) Vectors are ?					1
		(ii) Carbon dating technique is developed by ?					1
		(iii)	Sod	omy means?			1
		(iv)	Wh	at is Asphatia ?			1
2.	Des	Describe the following:—					
	(a)	Pro	karyo	tic cell.			4
	(b)	Liq	uid co	omponent of blood.			4
	(c) E.M. Structure of Neuron (diagram only)						4
OR							
VBC15302							(Contd.)