SEAT NO		
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GANPAT UNIVERSITY

B.TECH. 3rd SEM. BIOMEDICAL AND INSTRUMENTATION ENGINEERING REGULAR EXAMINATION NOVEMBER/DECEMBER 2013 2BM304: Human Anatomy and Physiology – I

		20101304: Human Anatomy and Physiology – I	
TIME:			: 70
INSTR	UC	TIONS:	
	1.	Use separate answer sheets for the two sections	
	2.	Figures on the right side indicate marks	
	3.	Please explain with the help of diagram wherever it is necessary	
	4.	Each sub-question carries equal marks	
		are una puri di la presidente del la compania	
		Anatomy the followings	
		SECTION - I	
		A STANDARD THE PLONGED TO SELECT THE PROPERTY OF THE PROPERTY	
		If the surface of the Light Control of the surface	
Que.1		Write answers of the following questions.	12
	A	Draw the structure of cell. Explain function of any three cell organelles.	
	В	Explain the mechanism of blood coagulation (clot).	
	2	Explain the mechanism of blood coagulation (clos).	
		OR	
		Asswer the following	
Que.1		Write answers of the following questions.	12
Que. I	A		B dies
	A	Explain the relationship between cell mediated and humoral immunity.	
	В	Write a note on connective tissue.	
		To all the out analysis and the second of constant maintain afficient about the fifth A & A &	
Que.2		Write answers of the following questions.	11
	A	Explain in detail the mechanism of action of interferons.	
	B	Write the importance of the body fluids.	
		OR	
		END OF THE PAPER	
Que.2		Write answers of the following questions.	11
	A	Write a note on granulocytes.	
	В	Write a detailed note on spleen.	
Que.3		Write answers of the following questions.	12
Q.0.0	A	Write a note on Na ⁺ K ⁺ ATPase pump.	
CONTRACTOR OF THE PARTY OF	00	THE OFFICE OFFICE IS ALL MAN PARTIES.	

B Write a note on buffers.

C Define lymph and explain lymph formation.

SEAT NO:

SECTION - II

Que.4		Write answers of the following questions.	12
	A		12
	В		
		to an Aragonium describina and antiquim and alternative and and an incident	
		OR of our order of the second	
Que.4		Write answers of the following questions.	40
	A		12
	В	Describe the regulation of respiration.	
Que.5		Write answers of the following questions.	11
	A	Write on the external features of the heart.	
	B	Describe cardiac cycle.	
		(note) more large of the district and are marked as	
		OR	
		Single sections because transference SA con an analysis as	
Que.5		Write answers of the following questions.	11
	A	Describe coronary circulation.	
	В	Describe cardiac output.	
		Marking on connective traceal and a state a state a	
Que.6		Write short notes (any three)	12
	A	Artificial respiration	
	В	Lungs to me the ribert of the helper of the	
	C	Pericardium .	
	D	ECG	
		70	
		END OF THE PAPER	