GANPAT UNIVERSITY B.TECH. 3 rd SEM. BIOMEDICAL AND INSTRUMENTATION I REGULAR EXAMINATION NOVEMBER/DECEMBER	9 00 1 -
ZBM304: Human Anatomy and Physiology – I	ELAWA CAMP
INSTRUCTIONS:	Total marks: 70
Use separate answer sheets for the two sections	and work to
2. Figures on the right side indicate marks	
 3. Please explain with the help of diagram wherever it is neces 4. Each sub-question carries agreed and the sub-question carries agreed agree	
4. Each sub-question carries equal marks	sary
The second secon	v ministra a maria
SECTION - I	TORAC A
Que.1 Write answers of the fall	
Que.1 Write answers of the following questions.	12
A Write a note on buffer system. B Write a note on immune de 5	a Middly a eugh
- Title di little on immunodeticiency	
C Explain the functions of the lymphatic system.	
OR	
Que.1 Write answers of the fall	
the following questions	12
A Explain the cell cycle.	min an
B Write a note on cartilage tissue.	
C Explain the mechanism of blood coagulation (clot).	
Que.2 Write answers of the following questions.	
A Explain the functions of the blood.	11
B Write a note on immunoglobulins.	· Marie Co.
di initaliogioballiis.	
OR	
Que.2 Write answers of the falls.	
the tollowing questions.	11
A Write a note of feedback systems	
B Write a detailed note on lymph node.	
Que.3 Write answers of the following questions.	40
A Explain the homeostasis in erythropoisis	12
Write a note on immunological memory	
C Explain the tissue which helps in preventing insensible loss of wat the body.	er from
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SECTION - II

			12
Que.4		Write answers of the following questions.	12
	A		
	В	How does gas exchange take place in the body?	
		OR	
		AUSESCOUL SER ISSUE THE HIS-PORT	40
Que.4		Write answers of the following questions.	12
	A	Describe all pulmonary volumes and pulmonary capacities. Describe	
		Helium Dilution method.	
	В	Write a note on artificial respiration.	
		in no transport and a support series and series are series and series and series and series are series and series are series and series are series and series and series are series are series and series are ser	11
Que.5		Write answers of the following questions.	11
	A	Describe the properties of heart.	
	В	Define blood pressure. How is it controlled?	
		OR	
		and the state and	11
Que.5		What is the integumentary system? Describe the structure of skin and	
		its functions.	
		Austra e note on cardiage basus	12
Que.6		Write short notes	1 800
	A	ECG	
	B	Heart Sounds	
	C	Pericardium	
	D	Lungs selected parameters with a sinv &	
		END OF THE PAPER	