



I B. Pharmacy I Semester Supplementary Examinations, Jan/Feb - 2018 HUMAN ANATOMY & PHYSIOLOGY-I

Time: 3 hours		Max. Marks: 70
	Note: 1. Question Paper consists of two parts (Part-A and Part-B)
	2. Answering the question in Part-A is Compulsory	
	3. Answer any FOUR Questions from Part-B	
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## PART -A

1.	a)	Describe the components of a cell.	(2M)
	b)	Describe the functions of connective tissue.	(2M)
	c)	Write a note on functions of reticulo endothelial system.	(2M)
	d)	Describe the structure of blood vessels.	(2M)
	e)	Write a note on the composition of lymph.	(2M)
	f)	Describe the functions of oxygen in the body.	(2M)
	g)	Write a note on the digestion of food in the mouth.	(2M)
		<u>PART -B</u>	
2.	a)	Describe the structure and functions of muscular tissue.	(7M)
	b)	Write a note on the classification of joints.	(7M)
3.	a)	With a neat diagram explain the functions of a neuron.	(7M)
	b)	Write a note on the physiology of muscle contraction.	(7M)
4.	a)	Describe the composition and functions of blood.	(7M)
	b)	Write a note on the blood groups and their significance.	(7M)
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5.	a)	Describe the circulation of blood in the heart with a neat labeled diagram.	(7M)
	b)	Describe the physiology and functions of spleen.	(7M)
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6.	a)	Write a note on the anatomy of the respiratory organs.	(7M)
	b)	Write a note on the secretions of gastrointestinal tract.	(7M)
7.	a)	Describe the structure and functions of Nephron.	(7M)
	b)	Describe the regulation of acid-base balance by the kidneys.	(7M)
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