## Bachelor Of Pharmacy (B.Pharm) (CBCS Pattern) First Semester BP 101T - Human Anatomy and Physiology-I

P. Pages : 2 Time : Three Hours			8	★ 3 0 0 8 →		GUG/W/18/10870 Max. Marks: 75	
	Notes :	1. 2.	Diagrams should be given and the second seco		ecessary.		
1.	M i)	-	e choice questions. itochondria contain:- DNA only Ribosomes only	b) d)	RNA only All the three		20
	ii)	Nu a) c)	cleus is the center of Digestion Excretion	b) d)	Protein synthesis Gene control.		
	iii)	) W a) c)	hich of the following is Protective Excretory	the function of b) d)	integumentary system? Sensory All of the above		
	iv)		double fold of peritoned lled: Visceral Peritoneum Omentum	um which suspe b) d)	nd an organ from the back body Mesentery Ligament	wall is	
	v)	Cu a) c)	boidal cells are commo Skin Coelomic activity	on at places like b) d)	- Ged Internal car		
	vi	) Ha a) c)	versian system is the ch Muscle Cartilage	haracteristics fe b) d)	ature in the histology of Bone Nerve root		
	vii	i) Su a) c)	tures between the bones Synovial joint Slightly movable join	b)	example of:- Fibrous joint Cartilaginous joint		
	vii	ii) Jo a) c)	ints between the carpals Gliding joint Ball and rocket joint	and metacarpa b) d)	ls of the thumb is an example of: Pivot joint Saddle joint	-	
	ix	) Th a) c)	e blood contains:- 90% water 95% water	b) d)	80% water 60% water.		
	x)	Th a) c)	e largest leukocytes are Lymphocytes Platelets	:- b) d)	Monocytes Neutrophils.		
	xi)	) Sp a) c)	leen is a 'Graveyard' of Erythrocytes Lymphocytes	the:- b) d)	Leucocytes Osteocytes		
	xii		rmphatic fluid is rich in Iron Neutrophils	,	Antibodies Basophils.		
GUG	/W/18/1087	,		1		]	P.T.C

	<ul> <li>xiii) Cardiac output is about:-</li> <li>a) 3 liters of blood</li> <li>b) 15 liters of blood</li> <li>c) 50 liters of blood</li> <li>d) 5 liters of blood</li> </ul>					
	<ul> <li>xiv) The blood circulation in the human body was first discovered by:-</li> <li>a) William harvey</li> <li>b) Waldeyer</li> <li>c) Aristotle</li> <li>d) Palade</li> </ul>					
	xv) Popliteal vein is present ina) Handb) Footc) Legd) Arm					
	<ul> <li>a) External ear</li> <li>b) Middle ear</li> <li>c) Inner ear</li> <li>d) Vestibular area of ear</li> </ul>					
	<ul> <li>xvii) Ciliary body in the eye ball is the extension of the</li> <li>a) Sclera</li> <li>b) Choroid</li> <li>c) Retina</li> <li>d) Cornea</li> </ul>					
	a) AV nodeb) SA nodec) Bundle of hisd) Purkinje fibers.					
	xix) The normal range of blood pressure in adult is.a) 150/100 mm hgb) 120/80 mm hgc) 200/120 mm hgd) 100/60 mm hg					
	<ul> <li>xx) The smallest bone in human body is</li> <li>a) Stapes</li> <li>b) Malleus</li> <li>c) Incus</li> <li>d) Patella.</li> </ul>					
2.	Answer the following any two.					
	Explain in detail the 'hematopoiesis' process of blood cells.					
	ii) Describe in detail the structure & functions of plasma membrane.					
	iii) Explain in detail the anatomy & physiology of skin.					
3.	Answer the following <b>any seven.</b> 35					
	i) Explain the homeostasis mechanism of human body with the help of appropriate example.					
	i) Discuss the location and functions of epithelial tissue.					
	iii) Write a note 'appendicular skeletal system'.					
	iv) Discuss the structure and functions of various types of joints.					
	v) Explain the composition and functions of blood.					
	vi) Write a note on 'lymph nodes'.					
	vii) Give the origin and functions of 12 pairs of cranial Nerves.					
	viii) Explain the physiology of human ear.					
	ix) Explain the conduction system of heart.					

\*\*\*\*\*

2