

BRAINWARE UNIVERSITY

D. Pharm Part I Examination 2018 - 19

Programme-Diploma in Pharmacy

Course Name - Human Anatomy & Physiology

Course Code -1.5T

(D. Pharm First Year Final)

Time allotted: 3 Hours Full Marks: 80

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group -A

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	(Multiple Choice	Type Question) $20 \times 1 = 20$	
1.	Choose the correct alternative from the following		
(i)	Ciliated epithelium is present in:		
	a. Alimentary canal	b. Bronchioles	
	c. Anal canal	d. None of the above	
(ii)	Bone is a tissue.		
	a. Epithelial	b. Muscular	
	c. Connective	d. All the above	
(iii)	The term "Suicidal bags" is used for:		
	a. Lysosomes	b. Peroxisomes	
	c. Mitochondria	d. Ribosomes	
(iv)	Which part of human brain is concerned with the regulation of body temperature		
	a. cerebellum	b. hypothalamus	
	c. Scapula	d. Mandible	
(v)	Food is converted to energy in:		
	a. Nucleus	b. Nucleolus	
	c. Endoplasmic reticulum	d. Mitochondria	
(vi)	Function of smooth muscles, cardiac m system	uscles, organs and glands are regulated by	
	a. Autonomic	b. central	

d. None of the above

c. sympathetic

(vii) By which of the following process, waste materials are removed from		te materials are removed from our body?			
	a. Excretion	b. Respiration			
	c. Exhalation	d. Double Circulation			
(viii)	Which cells in the blood do not have a nucleus?				
	a. Lymphocyte	b. Monocyte			
	c. Basophil	d. Erythrocyte			
(ix)	The cell activities are controlled by				
	a. Cytoplasm	b. Nucleus			
	c. Plasma membrane	d. Mitochondria			
(x)	Rhythmicity is a property of:				
	a. Nervous tissue	b. Voluntary muscle			
	c. Cardiac muscle	d. Globular Cell			
(xi)	The increased intraocular pressure of eye produces:				
	a. Myopia	b. Cataract			
	c. Glaucoma	d. None of the above			
(xii)	Which of the following terms describes the body's ability to maintain its normal state?				
	a. Anabolism	b. Anabolism			
	c. Homeostasis	d. Analytical standard			
(xiii)	Bile is produced by				
	a. Liver	b. Gall bladder			
	c. Pancreas	d. Kidney			
(xiv)	If the person cannot see the near object, he is supposed to have				
	a. Myopia	b. Hypermetropia			
	c. Astigmatism	d. None of the above			
(xv)	The collar bone is:				
	a. Clavicle	b. Sacrum			
	c. Scapula	d. Fibula			
(xvi)	The term cell was coined by				
	a. Schwann	bRobart Hooke			
	c. De Bary	d. Tatum			
(xvii)	The enzyme renin is secreted by:				
	a. Kidney	b. Liver			
	c. Gall bladder	d. None of the above			

(xviii) In a normal human being number	of chromosomes is						
	a. 23	b. 46						
	c. 53	c. 26						
(xix)	The reserve pack maker is:							
` /	a. AV node	b. SA node						
	c. Bundle of His	d. None of the above						
(xx)	DNA is mainly present in:							
(AA)	a. Ribosome	b. Plasma membrane						
	c. Nucleus	d. None of the above						
	e. Macieus	d. I tolle of the doore						
Group – B								
(Short Answer Type Questions) $8 \times 5 = 40$								
Ansv	ver any <i>eight</i> from the following							
2.	• •							
3.	. What are the functions performed by lymphatic system?							
4.								
5.	5. Mention the composition of urine.							
6.	Write down the differences between Flexion and Extension.							
7.	Write down the functions of Gall bladder.							
8.	8. Write a note on ABO system of blood grouping.							
9.	Explain general characteristics of epithelial tissues.			5				
10.	Write briefly about the CSF.			5				
Group – C								
	(Long A	nswer Type Questions)	$2x\ 10 = 20$					
Ansv	ver any two from the following							
11.	1. Discuss the classification and function of epithelial tissues.							
12.	12. Give an account of the composition and function of blood.							
13. Mention the structure and function of eye with the help of basic physiology involved.								