



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme - B.Pharm-2019/B.Pharm-2020/B.Pharm-2022/B.Pharm-2023

Course Name - Human Anatomy and Physiology I 398, Ramkristalapur Road, Barasat

Course Code - BP101T

(Semester I)

Full Marks: 75 Time: 3:0 Hours

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

(Multiple Choice Type Question)

1 x 20=20

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- Choose the correct alternative from the following:
- (i) Choose the correct answer: The cells producing the pigment responsible for skin color are the
 - a) Keratinocytes
 - c) Adipocytes

- b) Melanocytes
- d) Merkel cells
- (ii) Select the correct option for DVT
 - a) Thrombus form in lymph node
 - c) Thrombus form in capillaries
- b) Thrombus form in artery
- d) Thrombus form in deep vein
- (iii) Identify the correct option for the following: Angiomas are
 - a) benign tumor in blood or lymph vessel
 - c) Rupture of blood vessel
- b) Malignant tumor in blood vessel
- d) Plaque in veins
- (iv) Choose correct answer: The longest bone in the human body:
 - a) Stapes

b) Humerus

c) Ulna

- d) Femur
- (v) Choose the purpose of the rib cage:
 - a) Protect the stomach

- b) Protect the spinal cord
- c) Protect the heart and lungs
- d) provide an object to which the lungs can
- (vi) Select the correct option for the power house of cell is:
 - a) Cell wall

b) Mitochondria

c) Ribosomes

- d) Nucleus
- (vii) Select the correct answer: Fluid mosaic model is associated with
 - a) Cell wall

b) Nucleus

c) Lysosome

- d) Cell membrane
- (viii) Identify the correct answer from the following: Lysosomes are known as "suicidal bags" because:
 - a) Parasitic activity

b) Presence of food vacuole

1882	c) Hydrolytic activity (ix) Select the correct answer: Rough Endopla	d) Catalytic activity smic Reticulum has	
1.700/28	a) Cell wall c) Ribosomes (x) Select the correct location of cardiac muse	b) Golgi bodies d) Lysosomes	
Oy I	a) Epicardium c) Myocardium (xi) Select the correct answer: Microtubules a	b) Endocardium d) Abdomen re made up of	
	a) Protein c) Aglycon (xii) Identify the correct answer from the following tissues known as	b) Carbohydrate d) None of these wing: Strength is provided to plants by	
2	a) Parenchyma only c) Ground tissues (xiii) Choose the Coccyx bone is divided into	b) Collenchyma only d) Parenchyma and collenchyma	
Ŋ	a) 4 c) 3 (xiv) Select the correct answer from the followings	b) 2 d) 1 ing: Hardening of small arteries are termed	
	a) Arteriosclerosis c) Cardiac arrest (xv) Select the correct answer from the following of arteries is known as	 b) Atherosclerosis d) Myocardial infarction ing: Formation of lipid plaque inside the wal 	I
	a) Thrombosis c) Atherosclerosis (xvi) Choose the Sacrum bone is divided into	b) Arteriosclerosis d) Heart attack	
(a) 5 c) 3 xvii) Select the correct function of Peroxisomes	b) 4 d) 2	
(:	a) Beta-oxidation c) Formation of bile acids xviii) Choose the Sacrum bone is divided into	b) Increase gluconeogenesis d) All of these	
	a) 5 c) 3 xix) Select the correct answer : Function of cyt	b) 4 d) 2 coskeleton	
19	a) Lipid synthesis c) Provide structure and shape to the cell (xx) Choose the correct answer: the function o	b) Oxidation d) Destroy cell f a tendon is	
	a) To link bones to bones c) To link muscles to ligaments	 b) To link muscles to bones d) To bind the cells in compact bone of together 	loser
		Group-B er Type Questions)	5 x 7=35
3	 Briefly describe function of ribosome. Explain the structure and function of intermediate filaments. Describe gap junction. Explain the following terms: Hemopoiesis, Erythropoiesis, Fibrinogen, Sister chromatid, 		(5) (5) (5) (5)
	Synaptic cleft Define blood coagulation with name of factors Describe endocytosis process.	S.	(5) (5)

OR Describe mitochondria. 8. Explain the function of rough endoplasmic reticulum with proper diagram. (5) Explain the structure and functions of plasma membrane (5) Group-C (Long Answer Type Questions) 10 x 2=20 9. Describe anaemia with its types. (10)10. Elaborate on the regulation of the cardiac conduction system by the autonomic nervous (10)system. OR Explain the structure and function of skin. (10)

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