01/01/2024

Seat Number
-------------

Total Pages : 3] Time: 3 Hours							DAGDU-12
Total Pages : 3] Time: 3 Hours				BP 101T	: Human	Anatomy and Physiology	-I
Time: 3 Hours					(	711101)	
Do not write anything on question paper except Seat number.				-			
Do not write anything on question paper except Seat number. Graph or diagram should be drawn with black ink pen being used for writing paper or black HB pencil.  Students should note, no supplement will be provided. All questions are compulsory. Figures to the right indicate full marks.  1. Solve the MCQs  (i) One of the following is referred as primary pacemaker of heart.  (a) Bundle of His (b) AV node (c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in							Max. Marks : 75
2 Graph or diagram should be drawn with black ink pen being used for writing paper or black HB pencil. 3 Students should note, no supplement will be provided. 4 All questions are compulsory. 5 Figures to the right indicate full marks.  1. Solve the MCQs 20 (i) One of the following is referred as primary pacemaker of heart. (a) Bundle of His (b) AV node (c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in	,						
HB pencil.  Students should note, no supplement will be provided.  All questions are compulsory.  Figures to the right indicate full marks.  1. Solve the MCQs  (i) One of the following is referred as primary pacemaker of heart.  (a) Bundle of His (b) AV node (c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except  (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in	JB -						
Students should note, no supplement will be provided.  All questions are compulsory.  Figures to the right indicate full marks.  1. Solve the MCQs  (i) One of the following is referred as primary pacemaker of heart.  (a) Bundle of His (b) AV node (c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in  (a) Millions (b) Thousands (c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones (a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue	4				drawn with	black ink pen being used for	r writing paper or black
All questions are compulsory. Figures to the right indicate full marks.  1. Solve the MCQs  (i) One of the following is referred as primary pacemaker of heart.  (a) Bundle of His (b) AV node (c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except  (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in  (a) Millions (b) Thousands (c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones (a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue	3				plement will	be provided.	
(i) One of the following is referred as primary pacemaker of heart.  (a) Bundle of His (b) AV node (c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in		All	quest	ions are compulsor	y.		
(i) One of the following is referred as primary pacemaker of heart.  (a) Bundle of His (b) AV node (c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in  (a) Millions (b) Thousands (c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones (a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue	5	Figu	res to	the right indicate	full marks.		
(a) Bundle of His (b) AV node (c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in	1.	Selv	e the	MCQs			20
(c) SA node (d) Purkinje fibers  (ii) Following drugs causes mydriasis except  (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in  (a) Millions (b) Thousands (c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones (a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue		(i)	One	of the following is	referred as p	primary pacemaker of heart.	
(ii) Following drugs causes mydriasis except  (a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in  (a) Millions (b) Thousands (c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones (a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue			(a)	Bundle of His	(b)	AV node	
(a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in			(c)	SA node	(d)	Purkinje fibers	
(a) Acetylcholine (b) Adrenaline (c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in							
(c) Noradrenaline (d) Epinephrine  (iii) RBC count in human is in		(ii)	Foll	owing drugs causes	s mydriasis e	xcept	
(iii) RBC count in human is in  (a) Millions (b) Thousands (c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones (a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue	,		(a)	Acetylcholine	(b)	Adrenaline	
(a) Millions (b) Thousands (c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones (a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue			(c)	Noradrenaline	(d)	Epinephrine	
(a) Millions (b) Thousands (c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones (a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue							
(c) Tens (d) All of the above  (iv) Axial skeleton of human consists of total bones  (a) 81 (b) 88  (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is  (a) ADH (b) Oxytocin  (c) PTH (d) TSH  (vi) Collagen is present in the tissue  (a) Epithelial tissue (b) Muscular tissue		(iii)	RBO	Count in human is	in	_	
(iv) Axial skeleton of human consists of total bones  (a) 81			(a)	Millions	(b)	Thousands	
(a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue			(c)	Tens	(d)	All of the above	
(a) 81 (b) 88 (c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue							
(c) 126 (d) 80  (v) Hormone required to initiate uterine contraction is  (a) ADH (b) Oxytocin  (c) PTH (d) TSH  (vi) Collagen is present in the tissue  (a) Epithelial tissue (b) Muscular tissue		(iv)	Axia	al skeleton of huma	n consists of	total bones	
(v) Hormone required to initiate uterine contraction is  (a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue			(a)	81	(b)	88	
(a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue			(c)	126	(d)	80	
(a) ADH (b) Oxytocin (c) PTH (d) TSH  (vi) Collagen is present in the tissue (a) Epithelial tissue (b) Muscular tissue							
(c) PTH (d) TSH  (vi) Collagen is present in the tissue  (a) Epithelial tissue (b) Muscular tissue		(v)	Horn	mone required to in	itiate uterine	contraction is	
(vi) Collagen is present in the tissue  (a) Epithelial tissue (b) Muscular tissue			(a)	ADH	(b)	Oxytocin	
(vi) Collagen is present in the tissue  (a) Epithelial tissue (b) Muscular tissue			(c)	PTH	(d)		
(a) Epithelial tissue (b) Muscular tissue							
(a) Epithelial tissue (b) Muscular tissue		(vi)	Coll	agen is present in th	ne tissue		
		-3 or 16#1		DE VOIS ENGLES		Muscular tissue	
(d) Connective toose			(c)		(d)		

(VII)	lou	ghest layer of skin is		~	
	(a)	Stratum corneum	(b)	Stratum luciderr	n
	(c)	Stratum granulosum	(d)	All of the above	
(VIII)	Tota	al number of spinal nerves	in hu	man body are	
	(a)	30	(b)	31	
	(c)	29	(d)	32	
(IX)	Crib	oriform papillae sense the			
		Taste Sound	(b) (d)	Vision Touch	
(X)	Nor	mal heart beat count of hu	ıman h	ody is	
	(a)			90	
	(c)			100	
(xi)	Coro	onary artery supplies the b	olood t	0	
	(a)	Heart	(b)	Lungs	
	(c)	Liver	(d)	Brain	
(xii)	Univ	versal donor receives the l	olood	from	
	(a)	AB	(b)	A	
	(c)	В	(d)	0	
(xiii)	Larg	est lymphatic organ is			
	(a)	Bone marrow	(b)	Thymus	
	(c)	Tonsils	200	Spleen	
(xiv)	Sym	pathetic system comes un	der th	e	
	(a)	CNS	(b)	Brain	
	(c)	Spinal Cord	(d)	PNS	
(xv)	An e	example of ball and socke	t ioint	is	
		Shoulder Joint		Ankle Joint	
		Knee Joint		Elbow Joint	

		(a)	T-cells and erythrocytes	(b)	Erythrocytes and Platelets				
		(c)	T-cells and Platelets	(d)	T-cells and B-cells				
	(xvii)The most important cell type associated with the immunity of the body is								
		(a)	WBC	(b)	RBC				
		(c)	Platelets	(d)	None of the above				
	2								
	(XV		llowing are waves in ECG						
		(a) (c)	P wave T wave	(b) (d)	QRS wave Z wave				
		(-)		(4)	2 wave				
	(xix	) The	Nodes of Ranvier are foun	d in					
		(a)	Cardiac cells	(b)	Hepatocytes				
		(c)	Nerve cells	(d)	All of the above				
	(xx)	Ren	in is released from						
		(a)	Lungs	(b)	Kidney				
		(c)	Liver	(d)	Produce hemoglobin				
2.	Cal	(0 0 m)				20			
Lee	Solve any two  (i) Write detail note on composition and functions of blood								
		- F							
	(ii)				an.				
	(111)	Expi	ain anatomy of eukaryotic	cell.					
3.	Solv	e any	seven			35			
	(i)	Writ	e a note on blood group sy:	stems					
	(ii)	Expl	ain structure and functions	of ly	mph node				
	(iii)	Write note on conduction system of heart							
	(iv)	(iv) Explain cranial nerves of human body.							
	(v)	(v) Write a note on tissues.							
	(vi)	(vi) Classify the bones of human skeleton and give the functions of bones.							
	(vii)	Disc	uss in detail joints.						
	(viii)	Diffe	erentiate between the sympa	atheti	c and parasympathetic system				
			e a note on physiology of n						

(xvi) Lymphocytes are of two types, they are