## Practice Questions Ch 7 & 8: Updated 11/18/22

A. Aldosterone

B. ACE inhibitors

1. All a	rteries of the bo	ody contai	in oxygen-rio	ch blood wit	th the exe	ception o	f the			
	A. aorta.	B. pulm	onary artery	/.	C. renal	artery.	D. coro	nary arteries.		
2. The	"lub" (S1) or firs	st heart so	ound, is proc	luced by the	e closing	of the				
	A. aortic semilunar valve.			D. bicus	D. bicuspid valve.					
	B. pulmonary	semilunar	valve.		E. tricus	pid and b	picuspid valves.			
	C. tricuspid valve			F. aortio	F. aortic and pulmonary semilunar valves.					
3. The	first heart soun	d is produ	ced at the							
	A. beginning o	f systole.	В. е	end of systo	le.	C. beginr	ning of diastole	. D. en	d of diastole.	
4. The	QRS wave of an	EKG is pr	oduced by							
	A. depolarizati	-	-	C. depo	olarizatio	n of the v	ventricles.			
	B. repolarizati						entricles.			
5. The	P-wave of an Ek	(G is prod	uced by							
	A. depolarizat	•	•	C. dep	olarizatio	n of the v	ventricles.			
	B. repolarizati						entricles.			
6 Tho	second heart so	und (52 o	r "dub") imr	modiatolyf	allows the	0.000	nco of			
0. The	A. the P-wave	-	B. the QRS		C. the T		TICE OF			
	A. the P-wave.		B. the QKS	wave.	C. the T	-wave.				
7. An i	schemic injury t	o the hear	rt that destr	oys myocar	dial cells	is				
	A. angina pect	oris.	B. myocard	ial infarctio	n.	C. fibrilla	ition	D. heart bloc	κ.	
8. Antibodies against both type A and B antigens are found in the blood of a person who is										
0. Anti	A. type A.	B. type		ype AB.		D. type C	-	15		
	<i>Λ.</i> ιγρε <i>Λ</i> .	D. type	D. C. (	ype Ab.		D. type t				
9. Proc	luction of which	n of the fo	llowing bloo	d cells is sti	mulated	by a horn	none secreted	by the kidneys	?	
	A. Lymphocyte	es	C. E	rythrocytes	5					
	B. Monocytes		D. 1	Neutrophils						
10. Du	ring diastole the	e ventricle	s are							
	A. relaxed and			ontracting		C. depola	arizing			
11 A t	ype of anemia r	esulting fr	om low diet	ary vitamin	B12					
11.7.0	A. Renal	-	leficiency	C. Perr		ı	D. Aplastic	F He	mophilia	
		D.1010	lenerency	e. r en	licious	•	5. Aplastic	E. He	mophilia	
12. Wł	nich type of WB	C is found	in the most	abundance	in the bl	ood?				
	A. Lymphocyte	es	B. Monocyt	es	C. Eosin	ophils	D. Neut	rophils	E. Basophils	
13. Wł	nich of the follow	wing woul	d be an ann	ropriate tre	atment t	o lower h	eart rate in a n	atient with ta	chycardia and also	
asthm			opp	5 p. 1000 010					,	

C. Propanolol

D. Atenolol

E. Digitalis

A. Na+ channel b	olockers	D. Atenolol	priate treatment to increase heart rate in a patient with bradycardia? D. Atenolol E. Digitalis				
B. Ca+2 channel	blockers	E. Digitalis					
C. Propanolol							
15. Which of the followir	ng could expla	in an abnormally high	RBC hematocrit?				
A. Anemia I	B. Bleeding	C. Dehydration	D. Low erythropoietin	E. Overhydration			
16. According to the Frar	nk Starling lav	v of the heart, the strer	ngth of ventricular contraction i	S			
A. directly propo	ortional to the	end diastolic volume (	EDV).				
B. inversely prop	ortional to th	e EDV.					
C. independent o	of the EDV.						
17. In the absence of cor	npensation b	y changes in heart rate,	stroke volume will decrease w	hen			
A. blood volume	increases.	D. contractil	D. contractility decreases				
B. venous return	increases.	E. None of th	nese.				
C. contractility in	icreases.						
18. Aldosterone acts to							
A. increase urine	e volume.	C. increase t	C. increase total peripheral resistance in arteries.				
B. increase blood	d volume.	D. produces	all of these effects.				
19. The korotcoff sounds	are produce	d by					
A. closing of the	semilunar val	ves.	C. the flow of blood throug	h an artery.			
B. closing of the	tricuspid and	bicuspid valves.	D. the flow of blood throug	h a vein.			
20. Increased heart rate	during exerci	se is primarily due to th	e effects of				
A. $\alpha$ -adrenergics	stimulation.	D. muscarini	c-cholinergic stimulation.				
B. $\beta$ 2-adrenergic	stimulation.	E. β2-choline	ergic stimulation.				
C. $\beta$ 1-adrenergic	stimulation.	F. β1-choline	ergic stimulation.				
21. An increase in blood	volume and c	lecreased osmolarity (p	erhaps from drinking too much	n water) will cause			
A. increased ADH	I secretion by	the hypothalamus.					
B. increased reni	in secretion b	y the JGA.	E. increased aldosterone se	cretion by adrenal corte			
C. decreased AD	H secretion b	y the hypothalamus.	F. both answers C and D				
D. increased ANF	P secretion by	the heart.	G. both answers A and B				
22. Baroreceptors in the	aortic arch aı	nd carotid sinus					
A. stimulate hype	othalamic AD	H release.					
B. stimulate a sy	mpathetic or	parasympathetic respo	nse from the medulla's cardiac	center.			
C. stimulate reni	n release by t	he JGA.					
D stimulate ervt	hronoietin re	lease by the kidneys.					

B. stimu C. stimu D. active	lates convers lates renin re	lease by the JGA. rone release by th e lungs.	nogen into angiotensin 2 ne adrenal cortex.	1.				
24. Which organ converts angiotensinogen into angiotensin 1?								
A. JGA	B. Hy	pothalamus	C. Adrenal cortex	D. Lungs	E. Liver	F. Kidneys		
25. Increased bl	ood osmolarii	ty stimulates						
	ocin release.	B. ADH release	e. C. Renin release.	D. ANP re	lease.			
26 A sental def	act in the hea	rt where there is	a hole is between the le	ft and right atri	um			
-	icular septal		B. Patent ductus arter	-	C. Paten fora	amen ovale		
	27. Decreased renal artery blood pressure stimulates							
A. Oxyte	A. Oxytocin release. B. ADH release. C. Renin release. D. ANP release.							
28. As end diastolic volume increases								
A. strok	e volume dec	reases.	E. contractility decreases					
B. strok	e volume incr	eases.	F. contractility increases					
C. cardi	ac output dec	reases.	G. answers A, C, and E					
D. cardi	ac output inci	reases.	H. answers B, D, and F					
29. Parasympathetic decrease of the heart's pacemaker cell depolarization involves								
	A. $\alpha$ -adrenergic stimulation. D. muscarinic-cholinergic stimulation.							
	•		E. β2-cholinergic stim					
•	<ul> <li>B. β2-adrenergic stimulation.</li> <li>C. β1-adrenergic stimulation.</li> </ul>			F. $\beta$ 1-cholinergic stimulation.				
0. p1 00								
30. If total peripheral resistance increases, cardiac output will								
A. incre		B. decrease	C. remain the	same				

Ch 10. Answers:
1. B
2. E
3. A
4. C
5. A
6. C
7. B
8. D
9. C
10. A
11. C
12. D
13. D
14. E
15. C
16. A
17. D
18. B
19. C
20. C
21. F
22. B
23. C
24. E
25. B
26. C
27. C
28. H
29. D
30. B

## How did you do?