#### 臺北醫學大學 92 學年度第一 學期期末考試 命 題紙

٤	<b>4</b> 14		日校	课教師	才	北	FI N	1) 學		號 :
	普通	4497	X	全光化	934 1	n 15	日第_/	_ <b>3</b> 5	* **	•
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₹:	<b>及試題</b> :	<b>苍扬</b> 必填系	*(學號)、(	姓名)。		<del></del>			<del></del>	
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	Cho	ose the best	answer (Tota	ıl 50 guesti	ons. 1.3%	each) 且把	<b>签宏填入</b>	上面的签辑	<b>能框内。</b>	
				<b>.</b>	<b>,</b>		, G M. M.			
	1. A	person who	se eyeball is	shorter tha	n normal si	iffers from	n		•	
	*		(farsightedne				rsightedne	ss).	C)	astigmatism.
	D)	presbyopia	3.	*	E) vis	ual acuity	•			
		_	n of Corti?	4						
	-	in the pinn		•	the outer e		C	) in the inn	er ear	
	D)	in the mid	dle ear	E) in	the Eustac	hian tube				
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		in the fore	actory recept		atea? B) in the se	mioiraula	r canala		C) in the	e saccule
	-	in the nasa			E) in the vi				C) in the	Saccule
				•						
	4. W	nere does se	ensory transd	uction occu	r?					
		in the cerel	-		3) in the th	alamus		C) in th	e spinal co	rđ
	D)	in the cell	body of senso	ry cells	Ė	) in the pl	asma mem	brane of se	nsory cells	1
	1 1:					•.				
		-	tor cells conv							
	-	• •	sical to a che			B) fro	m an actio	n potential	to a synapt	ic potential.
	C)	into some t	ype of memb	rane potent	ial.	D) into	o different	forms to be	e sent to the	e brain.
	E)	into sensati	on by integra	ting incom	ing action p	otential.				
			nctional unit		-		·	<b>57</b> \		
	A)	dendrite	B) cell bo	dy C	C) neuron	D	) axon	E) synaj	ose	
	7 M.	ltinle color	osis is involve	se primavil	t					
		=	of the hippor	•	,	R) det	erioretics :	of the corpu	e callonum	
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#### 臺北醫學大學 72 學年度第一 學期期末考試 命 題紙

采 知 任 一	普通生物 安全义位 35年/月15日第/節
※(1)讀:	注意本試題共_子_張。如發現頁數不足及空白頁或缺印,應當場請求補齊,否則缺少部份概以等分計
	張試題卷務必填寫(學號)、(姓名)。
	8. Which of the following statements about sodium-potassium pump is not true?
	A) It is a membrane protein.  B) It keeps the concentration of sodium low inside the cell.
	C) It moves equal amounts of sodium and potassium across the membrane.
	D) If it stopped working, much of the membrane potential would dissipate.
	E) It actively transports potassium into the cell.
	9. Which parts of the human brain regions are responsible for control of breathing?
	A) thalamus and hypothalamus B) basal ganglia and corpus callosum
	C) medulia oblongata and pons D) cerebrum and cerebellum
	E) hippocampus and amygdala
	10. Which of the following effects could result from activation of the sympathetic nervous system?
	A) decreased blood pressure B) decreased heart rate C) decreased rate pf digestion
	D) constriction of the bronchi E) decreased rate of breathing
	11 To human famala the annion and trains of an
	11. In human female, the ovarian cycle begins when
	A) the levels of estrogen reach their maximum.
	B) the hypothalamus increases its release of FSH and LH.
	<ul><li>C) the hypothalamus stimulates the pituitary to increase its output of FSH and LH.</li><li>D) the levels of progesterone drop precipitously.</li></ul>
	E) the levels of FSH and LH drop precipitously.
	b) the levels of 1 off and Left drop procephously.
	12. Where do developing sperm cells undergo meiosis?
	A) in the epididymis B) in the vas deferens C) in the seminal vesicle
	D) in the wall of the seminiferous tubules  E) in the seminiferous tubule lumen
	13. Which of the following structures contributes to the placenta?
	A) corpus luteum B) chorion C) amnion D) yolk sac E) allantois
	14. After a baby is born, milk production is stimulated by which of the following hormones?
	A) prolactin only  B) prolactin and oxytocin  C) progesterone alone
	D) progesterone and prolactin E) estrogen and porgesterone
	15. Which of these events occurs first?
	A) gastrulation B) neurulation C) cleavage D) implantation E) aggregation
	16. When the concentration of glucose in the blood rises following the digestion of a meal, what is the
	hormonal response?
	A) Both glucagon and insulin are increased.  B) Glucagon is released but not insulin.  C) Issulin is released but not always and insulin is released.
	C) Insulin is released but not glucagon.  D) Neither glucagon nor insulin is released.
	E) The total amount of insulin in the blood decreases.

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### 臺北醫學大學 92 學年度第一 學期期末考試 命 題紙

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7	门建設	10   10   10   10   10   10   10   10	
	②每引	[版本的超头 <u></u>	
		17. Which of the following glands secretes hormones that enable the body to respond to stress?	
		A) pancreas B) adrenal C) pineal D) salivary E) parathyroid	
		18. Which of the following is/are mostly involved in the regulation of salt and water balance?	
		A) mineralocorticoids B) glucocorticoids C) androgens D) melatonin E) oxytocin	
		10 Which of the Callegraphy and the control of the callegraphy and the callegraphy and the callegraphy are callegraphy are callegraphy and the callegraphy are callegraphy are callegraphy and the callegraphy are callegraphy and the callegraphy are callegraphy and the callegraphy are callegraphy are callegraphy are callegraphy and the callegraphy are callegraphy are callegraphy are callegraphy are callegraphy and callegraphy are callegraphy are callegraphy are callegraphy and callegraphy are cal	
		19. Which of the following may be a consequence of excessive secretion of parathyroid hormone?  A) convulsive contractions of skeletal muscles  B) giantism	
		A) convulsive contractions of skeletal muscles  B) giantism  C) loss of calcium from the blood  D) exhaustion of the immune system	
		E) loss of calcium from the bone	
		2) loss of suitiful from the solle	
		20. One steroid hormone causes different effects in different cells by	
		A) activating different genes. B) binding to different receptors. C) acting on different organelles.	
		D) activating different enzymes. E) activating different second messengers.	
		21. What is the hepatic portal vessel?	
		A) the largest lymphatic vessel in the body, taking wastes to the kidneys	
		B) a large blood vessel that connects the two kidneys	
		C) a large lymphatic vessel that transports substances to the kidneys for secretion into the distal tubule	,
		D) a large vessel that carries blood from the intestines to the liver	
		E) a large vessel that transports blood to the kidneys from the heart	
		22. Where along the kidney tubule is glucose reabsorbed from the filtrate back into the blood?	
		A) collecting duct B) proximal tubule C) Bowman's capsule D) loop of Henle E) distal tubule	
		-,,,,,,,,,,	
		23. Through which of these structures does urine enter the renal pelvis?	
		A) ureter B) urethra C) collecting duct D) distal tubule E) proximal tubule	
		24. What is the main component of the white material in bird droppings?	
		A) urea B) ammonia C) lactic acid D) sodium chloride E) uric acid	
		26 Which of the Callegian and a second of Control of Callegian Callegian Control of Callegian Cal	
		<ul><li>25. Which of the following statements is <i>not</i> true of freshwater fish?</li><li>A) They do not drink.</li><li>B) They pump solutes in through their gills.</li></ul>	
		<ul><li>A) They do not drink.</li><li>B) They pump solutes in through their gills.</li><li>C) They lose water through the gills by osmosis.</li><li>D) They produce large volumes of dilute urine.</li></ul>	
		E) They lose some solutes in their urine	
		Ly They lose some sorates in their arms	
		26. Which of the following is <i>not</i> an effect of interleukin-2?	
		A) to stimulate helper T cells  B) to stimulate cytotoxic T cells	
		C) to stimulate antigen-presenting cells  D) to stimulate b cells	
		27. Which of the following substances does a cytotoxic T cell secret in order to destroy a target cell?	
		A) interferon B) complement C) antibodies D) interleukin-2 E) perforin	
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#### 臺北醫學大學 12 學年度第 — 學期期末考試 命 題紙

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保一	普通年的	智全工人		15日第 /	_# # # # # # # # # # # # # # # # # # #		
*(U) (2)	請注意本試題共 <u>十</u> 張 每張試題卷務必填寫(學號	。如發現頁數 (人姓名)。	不足及空白頁頭	以缺印·應當場	請求補齊·否則	缺少部份概以零分	ी है रि
		·/					
	28. Monoclonal antibod	dies are produce	ed				
	A) by cells that are	-		a tumor cell.	B) when a fema	le is pregnant	
	C) when an animal i				2) """	no io prognami.	
	D) by cells that are i				E) by cancerous	tumors.	
	29. When in its cycle do	oes a b cell first	exhibit its partic	ular surface anti	body?		
	A) after the memory	cell giving rise	to it divides	B) befo	ore it ever encounte	rs an antigen	
	C) after it encounters	s several antige	ns	D) after	r it encounters a sir	ngle antigen	
	E) before the stem co	ell giving rise to	it divides				
	20. 7% - 4 6 6 11					•	
	30. The transfer of antib			•		*	
	A) nonspecific	B) passive	C) humoral	D) active	E) cell-mediated		
	31. The cardiac output is	a dafinad on the	volume of blood	mummad butha			
		s denned as the eft atrium	C) right atrium	D) left ventri			
	, it near b) h	ort aurum	C) right attrum	D) left venti	icie E) figiit vei	itt icte	3
	32. During which phase	of the heartbear	does the heart fi	ll with blood?			
	A) interphase	B) resting phas			atrial phase	E) systole	
		•					
	33. Arteries are distingu	ished from vein	based on all of t	he following fea	tures <i>except</i>		
	A) the direction of blo	ood flow relativ	e to the heart.	B) the s	tructure of their wa	lls.	
	C) the amount of oxy	gen present in t	he blood.	D) the b	olood pressure.		
	E) all of the above.						
	24 Which hind of consol		L1				
	34. Which kind of vessel		· ·	D)	dan E) yair		
	A) arteries	B) arterioles	C) capillarie	es D) venu	ıles E) veir	ıs	
	35. Which statement abo	ut the human h	eart is true?	•			
	A) The walls of the ri			walls of left ver	ntricle.		
	B) Blood flowing thro	<del></del>					
	C) The second heart s	<del>-</del>					
	D) Blood returns to th	*	_				
	E) During systole the		<del>-</del>		valve is closed.		
	36. Which of the following	ng quantities do	the medullary b	reathing centers	directly sense and i	espond to?	
	A) blood pH and CO	concentration	B)blood O <sub>2</sub>	concentration	C) alveolar CO <sub>2</sub>	concentration	
	D) alveolar O <sub>2</sub> concer	ntration	E) blood pH	and O <sub>2</sub> concentr	ration		
	00.3171.1.1.00.00						
	37. Which of the following	_	ll gas exchange s	-			
	A) The exchange surfa			-	They are enclosed v		
	C) They are maintaine		temperature.	D) 1	They are exposed to	o air.	<b>4</b>
	E) They are found only	y in animais.					į
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## 臺北醫學大學\_\_\_\_\_學年度第\_\_\_\_\_學期期末考試(試)題紙

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R M	41 11	校课教師		- 助 - 學	號 纠
第一	普通台物	智全社	2 <u>93</u> 4 1 H 15 B	第一節	*
※①請	注意本試題共_子。張	。如發現真數	不足及空白頁或缺印·	應當場請求補齊,否	5則缺少部份概以等5
②每	張試題卷務必填寫(學學	<sub>虎)</sub> 、(姓名)。			
			als need a continuous supp		
	A) it is needed to		•	, animals cannot synth	
			oose of carbon dioxide.	D) it is needed to ca	rry out glycolysis.
	E) without it, anir	nals cannot obta	in enough energy form the	eir food.	
	39. Inhalation in hum		· ·	contraction of the diap	shraam
	A) contraction of			relaxation of the diap	
	C) relaxation of the	-	·	relaxation of the diap	magni.
	E) contraction of	the diaphragm a	nd chest muscles.		
	40. Most CO <sub>2</sub> is trans	-		ahin () as earh	onic anhydrase.
	A) dissolved in the	ne plasma.	B) attached to hemoglo	Join. C) as caro	ome amyurase.
	D) as carboxyl.		E) as carbonic acid.		
	41 43		function of which of the	following structures?	•
		B) esophagi		D) rectum	E) appendix
	A) cecum	b) esophage	is C) colon	<i>D)</i> 1000	-) -FF
	42 The enithelial cel	ls lining the inte	estine have surface project	ions that increase the a	rea for absorption.
	These projections				
	A) villi.	B) cilia.	C) microvilli.	D) rugae.	E) flagella.
		_,	,		
	43. The parietal cells	of the stomach'	s gastric glands secrete		
	-	B) pepsinogen.		ochloric acid. E) la	ctic acid.
	- <b> </b>	,			
	44. The esophagus ar	d trachea both	open into the		
	A) pharynx.		terior oral cavity.	C) posterior na	sal cavity.
	D) larynx.	E) epig	lottis.		
	45. Which of the following	owing choices li	ists the organs of the bird	digestive system in the	correct order?
			crop, intestine, anus		
	B) esophagus, giz	zard, crop, ston	nach, intestine, anus		
	C) esophagus, cro	op, stomach, giz	zard, intestine, anus		
	D) esophagus, cro	op, gizzard, ston	nach, intestine, anus		
	E) esophagus, giz	zard, stomach,	crop, intestine, anus		
			•		
	46. When the body to	mperature is to	o high, which of the follow	ving does not occur?	
			er of the brain is activated		
	B) Blood vessels	in the skin cont	ract.		
	C) Evaporative co	ooling occurs.			
	D) Heat radiates	from the skin.	•		

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E) Blood vessels at the body surface fill with warm blood.

#### 臺北醫學大學 92 學年度第一 學期 期末考試 命 題紙

<b>A</b> (1)		l to fine and a	<u> </u>			( BF( )		
保一	普通生物	校課教師	考 战 日 <u>第4 1 月 15 日</u> 3		华	號	ld.	L
₩Û! ② <b>!</b>	注意本試題共 <u>十</u> .張 發張試題卷務必填寫(學	。如發現頁數不 號)、(姓名)。	足及空白頁或缺印・船	<b>悠當場請求</b> 和	<b>i齊・否則缺少</b>	部份概以等	\$分計。	
					• •			
	47. Nails are a compo	mont of the			;			
 	A) respiratory	B) integumentar	ry C) muscular	D) skele	etal E) ex	cretory		
· ! ·	48. The interior lining	•			· 4 1:			
	A) stratified squ C) simple square	namous epithelium.		ed columnar e columnar epi	-		•	,
	E) loose connect	ive tissue.						
	49. Which of the follo	owing apply to skele	etal muscle?					
	A) smooth and i D) smooth and v		B) smooth and unbrace E) striated and brance		C) striated and	voluntary		
	50. Structure in the liv	ving world is organi	zed at hierarchical level	s. Which of th	ne following choi	ces lists		٠.
		om least inclusive t						
			em, tissue, organism an system, organism					
	C) molecule, cell	, organ, organ system	m, tissue, organism					
		e, tissue, organ, orga , tissue, organ syster	an system, organism m. organ, organism					
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# 臺北醫學大學\_\_\_\_學年度第\_\_\_\_學期期末考試(試)題紙

系級	科	Ħ	授課教師	考		日	圳	华	號	姓	名
保-	苦	通生物	韓柏框	93 #	PROPERTY AND ADDRESS OF THE PARTY OF THE PAR	15 H 3	<b>45 / 3</b> 5	ï	•		
※①請注		試題共 ナ 張 【巻務必填寫(學號		足及空	?白頁或	映印・船	医當場請:	求補齊・	否則缺少部份概	以零分計	′1
		答題 (Total 11 que									
	1.	Gause's competit	ive exclusion pri	inciple	*5						
					*						•
	2.	Climax community	<i>.</i>								
	3.	Learning type									
			•								
	4	Niche									·
*	4.	Niche									
No. of the control of			•								•
K.	<b>Š</b> .	Dominance hierarc	hy								
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Law Market State (1)									,		
	6.	Social behavior							•		
									<b>:</b>		-
: 									,		
	7.	Biosphere									
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											•
	8.	Limiting factor									
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ne and the second se	Q	Survivorship curve									:
	<i>,</i>	out vivoisinp out vo									
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	10.	Age-structure diagr	am								
8.3 <sup>77</sup>					•						
	7										
•		Carrying capacity	•					· ·	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
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