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/test-bank-stress-management-and-prevention-applications-to-daily-life-1e-kottler

CHAPTER 2--THE BODY'S REACTIONS TO STRESS

	Student:
1.	All of the following are true about post-traumatic stress disorder except:
	 A. it can result from battle fatigue. B. symptoms include flashbacks and nightmares. C. it increases the chances of substance abuse problems. D. it is experienced immediately after a stressful event. E. all statements are true about post-traumatic stress disorder.
2.	The area of the brain important for controlling emotional responses is the:
	A. reticular activation system. B. limbic system. C. sympathetic nervous system. D. basal ganglia. E. primary association cortex.
3.	In response to immediate stress, the is activated.
	A. adrenocorticotropic hormone (ACTH) pathway B. vasopressin pathway C. thyroxine pathway D. hypothalamus-pituitary-adrenal (HPA) pathway E. sympathetic nervous system
4.	This stress hormone is a mineralocorticoid:
	A. aldosterone B. cortisol C. vasopressin D. thyroxine E. triiodothyronine
5.	This structure is the first to be activated during fear responses:
	A. hippocampus B. thalamus

C. hypothalamusD. pituitary glandE. amygdale

6.	When Dr. Wilder Penfield used electrical stimulation on a certain region of a patient's brain, he noticed that the patient raised his arm uncontrollably. From this experiment, Penfield learned that the motor program of the has the capability to override the signals sent from other systems and explains why you might feel helpless to control certain impulses that are overridden by another source of power.
	A. prefrontal lobe B. motor cortex C. occipital lobe D. primary somatic sensory cortex E. premotor area
7.	Sustained stress can lead to atrophy of the hippocampus, which in turn can contribute to:
	 A. severe depression. B. Cushing's syndrome. C. permanent impairment of various brain functions after a stroke. D. all of the above. E. none of the above.
8.	The parasympathetic nervous system:
	 A. turns "on" under the "Four F" conditions. B. accelerates energy expenditure. C. promotes energy storage. D. promotes the release of epinephrine and norepinephrine. E. all of the above.
9.	Which gland is <u>not</u> one of the most relevant to the stress response with regard to the endocrine system?
	A. thyroid B. thymus C. adrenal D. pituitary E. all the above glands are most relevant
10.	The study of the interactions between the immune system, the nervous system, and behavior is called:
	A. psychoneuroimmunology. B. egostical immunology. C. cellular biology. D. autoimmunology. E. immuneurology.

11.	The number one killer in North America is:
	A. cancer. B. heart disease. C. stroke. D. accidents. E. suicide.
12.	Unnecessary muscular contraction due to stress is called:
	 A. extraneous myography. B. muscle fabrication. C. galvanic muscular response. D. bracing. E. none of the above.
13.	Sensate focus exercises are used for:
	A. sport performance.B. sexual dysfunction.C. work performance.D. time management.E. concentration.
14.	When is released in moderate, brief intervals, it is experienced as pleasurable. But when this neurotransmitter becomes sustained and repetitive, depression can result.
	A. serotonin B. epinephrine C. dopamine D. acetylcholine E. tryptophan
15.	Which one is not a condition that separates eustress from distress:
	A. extent of uncertainty B. amount of relevant information available C. amount of psychological demand D. amount of control E. interpersonal conflict
16.	The hippocampus controls anger, fear, and aggressive behavior, while the amygdala is important for memory storage and retrieval.
	True False
17.	Excessive stress can lead to "brain shrinkage" in the hippocampal region.
	True False

	True	False			
19.	9. Chronic stress can decrease white blood cell production, thus leaving you vulnerable to disease, illne and infections.				
	True	False			
20.	O. Another name for a heart attack is arteriosclerosis.				
	True	False			
21.		be how the sympathetic and parasympathetic nervous systems respond during and after a stressful e. Be sure to list some of the symptoms associated with each system.			
22.	import	be how the endocrine system responds to stress. Elaborate on the various pathways, naming tant glands, organs, and brain components involved. List the physiological effects of the hormones e produced. Is the endocrine system used mainly for acute stress or chronic stress?			

18. The sympathetic nervous system is responsible for energy expenditure while the parasympathetic nervous system is responsible for energy conservation.

23.	List the risk factors associated with the development of heart disease.
24.	What is hypertension? How is hypertension developed? What are some life-style changes you could make to prevent hypertension? Lastly, define arteriosclerosis and describe the process by which you could develop arteriosclerosis.
25.	According to your text, there are basically four conditions that separate eustress from distress. Elaborate on each one.

26. Match the following:

1. lie detector	galvanometer	
2. produces white blood cells	epinephrine	
3. endocrine pathway	amygdala	
4. adrenaline	autoimmune disease	
5. sexual desire	libido	
6. aids in metabolism of carbohydrates,	thymus gland	
proteins, and fats		
7. first structure to be activated during	parasympathetic nervous	
fear responses	system	
8. aids in regulating electrolytes and	HPA	
water balance		
9. rheumatoid arthritis	aldosterone	
10. energy conservation	cortisol	

CHAPTER 2--THE BODY'S REACTIONS TO STRESS Key

1. D		
2. B		
3. E		
4. A		
5. E		
6. A		
7. D		
8. C		
9. B		
10. A		
11. B		
12. D		
13. B		
14. C		
15. C		
16. FALSE		
17. TRUE		
18. TRUE		
19. TRUE		
20. FALSE		
21. Answer not provided.		
22. Answer not provided.		
23. Answer not provided.		
24. Answer not provided.		
25. Answer not provided.		

26. lie detector :: galvanometer and adrenaline :: epinephrine and first structure to be activated during fear responses :: amygdala and rheumatoid arthritis :: autoimmune disease and sexual desire :: libido and produces white blood cells :: thymus gland and energy conservation :: parasympathetic nervous system and endocrine pathway :: HPA and aids in regulating electrolytes and water balance :: aldosterone and aids in metabolism of carbohydrates, proteins, and fats :: cortisol