https://selldocx.com/products/test-bank-manual-of-structural-kinesiology-21e-floyd

Stud	ent name:	1) List and define/explain the four properties of muscle tissue
2)	All of the following are provided by n	uscles except
	A) protectionB) posture and support	C) body heat D) attachment points for other muscles
3) which	Which of the following is not a charact muscles are named?	teristic after
	A) Nerve B) Shape	C) Size D) Location
4) strong	Which of the following pairs of muscl gest contractions?	es produces the
	A) Sphincter and fusiform musclesB) Fusiform and strap musclesC) Bipennate and unipennate muscle	D) Multipennate and bipennate muscles

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	A) B)	Elasticity Extensibility	C) D)	Excitability Contractility
flexio	inatio n of a	en flexing all of the fingers joints maximally in on with maximal wrist flexion and no further any of the involved joints may be reached, the		
	A) B) C)	Active insufficiency of the extensor muscles Active insufficiency of the flexor muscles Passive insufficiency of the flexor muscles	D) shortening muscles	Stretch- of the extensor
7) isome		ich of the following statements is true about an nuscle contraction?		
	A) B) C)	It is a dynamic contraction. It causes tension to develop outside the muscle. It is used to stabilize a body segment.		It occurs when length changes scle tension e same.
8) the pe		ich of the following is not a term used to classify type of muscle fiber arrangement?		
	A) B)	Unipennate Bipennate	C) D)	Tripennate Multipennate
		is a useful way to determine muscle action and ough using the sense of touch to feel or examine a t contracts.		
	A)	Palpation	B) C)	Inspection Auscultation

D) Percussion

- **10)** Which of the following is not true of concentric muscle contractions?
 - A) A muscle develops active tension as it shortens.
- B) Contractions occur when a muscle develops enough force to overcome applied resistance.
 - C) Contractions cause movement against gravity or
- 11) Which of the following statements is true of concentric muscle contractions?
- A) The force developed by the muscle is less than that of the resistance.
- B) Contractions cause movement against gravity or resistance.
- C) The body part remains stable against gravity or external forces when concentric muscles contract.
- **12)** Which of the following is not true of an eccentric muscle action?
- A) It is typically called a positive type of muscle contraction.
 - B) The muscle lengthens under tension.
- C) It occurs when a muscle gradually lessens in tension to control the descent of resistance.
- 13) Which of the following is true of an eccentric muscle action?

resistance.

D) Concentric muscle contractions are commonly described as being a negative type of contraction.

D) Contractions result in the joint angle changing in the opposite direction of the applied muscle force.

D) Weight or resistance overcomes muscle contraction but not to the point that the muscle cannot control descending movement.

- A) The muscle does not control the movement with gravity or resistance.
 - B) It is described as a positive type of contraction.
- C) The force developed by the muscle is less than that of the resistance.
- D) It results in the joint angle changing in the direction opposite to that of the resistance or external force.

- **14)** Which of the following is not a true statement of isokinetic exercise?
 - A) The speed or velocity of movement is constant.
- B) Muscular contraction occurs only through part of the movement.
 - C) It is not another type or classification of muscle
- contraction.
- D) It can only be performed on machines such as Biodex, Cybex, and Lido.

- **15)** Which of the following is a true statement about agonist muscles?
- A) They cause a joint motion through a specified plane of motion when contracting concentrically.
- B) They cause a joint motion through a specified plane of motion when contracting isometrically.
- C) They cause a joint motion through a specified plane of motion when contracting eccentrically.
- D) They cause a joint motion through a specified plane of motion when contracting isokinetically.

- **16)** Which of the following is not a true statement about antagonist muscles?
- A) They are typically located on the opposite side of the joint from the agonist muscles.
- B) They have the opposite concentric action from agonists when activated.
 - C) They are also known as contralateral muscles.
- D) They work against agonist muscles by contracting and preventing movement.

17) Which of the following is a true statement about stabilizer muscles? C) They are also A) They are essential in establishing a relatively known as guiding muscles. firm base for the more distal joints to work from when D) They are located opposite a joint or carrying out movements. B) They contract to unlock the joint to enable body part. another limb or body segment to exert force and/or move. 18) Which of the following is a true statement about synergist muscles? D) They assist in A) They assist in the actions of antagonists. refined movement and B) They are always considered to be prime movers cause undesired motions. for a muscular action. C) They are also known as guiding muscles. 19) Which of the following is the basic functional unit of transmitting nervous the nervous system responsible for generating and impulses? C) Ganglion D) Dermatome A) Dendrite B) Neuron 20) Which of the following is not a classification of the types of neurons? C) Peripheral Sensory neurons A) neurons B) Motor neurons Interneurons

21) Which of the following is a proprioceptor associated with muscle tissue?

	A)	Desirios comunale	D)	Ruffini's
	A)	Pacinian corpuscle	corpuscle	
	B)	Golgi tendon organ		
	C)	Meissner's corpuscle		
22) able to		subconscious mechanism by which the body is late posture and movement is called		
			C)	
	A)	kinesthesis	equilibrioce	ption
	B)	proprioception	-	pathogenesis
			,	. 0
23)	Whi	ch of the following does not result in the		
contrac	ction	of the muscle fibers in a particular motor unit?		
			D)	0 1 .1 1 11
	A)	Marinal atimulus	D)	Subthreshold
	A)	Maximal stimulus	stimulus	
	B)	Submaximal stimulus		
	C)	Threshold stimulus		
24)		occurs when an antagonistic muscle becomes		
stretch	ed to	the point where it can no longer lengthen and		
allow 1	nove	ment.		
			D)	Reciprocal
	A)	Active insufficiency	innervation	Recipiocai
	B)	Countercurrent movement	inner vacion	
	C)	Passive insufficiency		
	C)	Tussive insufficiency		
25) corpus		ch of the following statements is true of Ruffini's		
			muscle.	
	A)	They initiate rapid contraction of stretched	B)	They are
	11)	They influte rapid confidencial of successed	D)	They are

located in deep layers of the skin and the joint capsule.

pressure is maintained.

\mathbf{C}) They a	are activated	by subtle	joint movem	ents
_	,, .	110 00011 10000	o, buch	Cilit IIIO , OII	101100

	D)	Γ)) They	have	interru	pted	activation	n even	wh	er
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26)	Generally, parallel muscles will produce a lesser range
of mov	rement than similar-size muscles with a pennate
arrange	ement.

- ⊚ true
- false

27) The sartorius is an example of a strap muscle.

- o true
- false

28) Each muscle in the human body may be innervated by a single nerve or multiple nerves.

- o true
- false

29) Fusiform muscle fiber arrangement results in a circular pattern.

- o true
- false

30) Synergist muscles are considered to be the primary movers during activities.

o true

31) moven		etic muscle contractions involve a dynamic aerein the speed of movement is variable.	
		true false	
32) and pe		vo major types of fiber arrangements are parallel	
	<!--</td--><td>true false</td><td></td>	true false	
33) develo		actility is the ability of muscle to contract and on or internal force in the same direction as a	resistive force when stimulated.
	<!--</td--><td>true false</td><td></td>	true false	
34) or belo		rm "intrinsic" usually pertains to muscles within solely to the body part upon which they act. true false	
35) joint th	The te	rm "action" refers to a specific movement of a ars as a result of a concentric muscle contraction. true false	

36)	It is no	ot possible for a muscle to cause more than one		
action	in an as	ssociated joint.		
	o	true		
	<!--</th--><th>false</th><th></th><th></th>	false		
	Ü			
37)		ation occurs in the segment of the nervous		a specific muscle or
system	respon	sible for providing a stimulus to muscle fibers	portion	of a muscle.
	o	true		
	o	false		
38)	_	eripheral nervous system (PNS) can be divided		
into ser	nsory a	nd motor divisions.		
	o	true		
	0	false		
39)	The ce	entral, fleshy portion of a muscle is called the		
gaster.				
	o	true		
	0	false		
40)		scle contractions are classified as either		
isomet	ric or is	otonic.		
	o	true		
	0	false		
			41)	Isotonic
			contrac	ctions are classified

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as concentric or eccentric on the basis of whether shortening or lengthening of the muscle occurs.

0	true

_	C 1
0	false

42) Joint movement may occur without any muscle contraction.

• true

• false

43) Eccentric muscle contractions are referred to as muscle actions instead of a contraction since the muscle is

shortening as opposed to lengthening.

⊙ true

⊚ false

44) The term "isokinetics" describes a type of dynamic exercise that uses concentric and/or eccentric muscle contractions.

⊚ true

⊚ false

45) Two different muscles may contract simultaneously at a joint and cause a motion that neither would cause if contracting alone.

⊚ true

• false

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	0	true	
	0	false	
49)		a muscle is suddenly stretched, resulting in an	
		traction that is followed by a concentric	
		f the same muscle, the total force generated in	
		c contraction is greater than that of an isolated	
concen	tric co	ntraction.	
	0	true	
	o	false	
50)	Gener	rally, longer muscles can shorten through a	
greater		and are more effective in moving joints through	
large ra	anges o	of motion.	
		4	
		true false	
	0	laise	
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46)

47)

48)

0

0

0

0

Antagonist muscles are known as prime or primary

The conscious awareness of the position and

The more sudden the activation of a myotatic reflex,

movement of the body in space is called kinesthesis.

movers and are most involved in a joint action.

true

false

true

false

the less significant the reflexive contraction.

Answer Key

Test name: Chapter 02

 stretched beyond its normal resting length by the biceps brachii and other elbow flexors contracting to achieve full elbow flexion.
br>Elasticity is the ability of muscle to return to its original resting length following stretching.

- 2) D
- 3) A
- 4) C
- 5) B
- 6) A
- 7) C
- 8) C
- 9) A

- 10) D
- 11) B
- 12) A
- 13) C
- 14) B
- 15) A
- 16) D
- 17) A
- 18) C
- 19) B
- 20) C
- 21) B
- 22) B
- 23) D
- 24) C
- 25) B
- 26) FALSE
- 27) TRUE
- 28) TRUE
- 29) FALSE
- 30) FALSE

- 31) FALSE
- 32) TRUE
- 33) FALSE
- 34) TRUE
- 35) TRUE
- 36) FALSE
- 37) TRUE
- 38) TRUE
- 39) TRUE
- **40) TRUE**
- 41) TRUE
- **42) TRUE**
- 43) FALSE
- 44) TRUE
- **45) TRUE**
- 46) FALSE
- 47) TRUE
- 48) FALSE
- 49) TRUE
- 50) TRUE