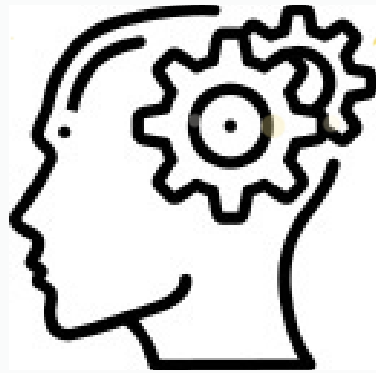


# ARCHIVE PHISYO

Final



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**DONE BY :**

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**1) closure aortic valve in onset of:**

- A) isometric contraction
- B) protodiastolic
- C) Isometric relaxation

**Answer: C**

**2) the closure of semilunar valve during the period**

- A) isometric contraction
- B) protodiastolic
- C) isometric relaxation

**Answer: C**

**3) correct about cardiac cycle:**

- A) 8 seconds
- B) 9 phases
- C) 8 phases
- D) begins with ventricular systole
- E) it does not reflect the electrical activity of the heart does no

**Answer: C**

**4) the difference of second and first sounds:**

- A) Higher frequency
- B) Heard by stethoscope
- C) Cannot be heard by ears
- D) Long duration
- E) closure of valves

**Answer:A**

**5) rushing of blood into ventricles causes:**

- A) 1st heart sound
- B) 2nd heart sound
- C) 3rd heart sound
- D) 4th heart sound
- E) no heart sound

**Answer: C**



**6) reflex action is a functional unit of CNS and mediates:**

- A) Requirs education**
- B) involuntary response to stimulus**
- C) needs intention for movement**
- D) initiate voluntary action**

**Answer: B**

**7) highest ventricular pressure is in:**

- A) isometric contraction**
- B) maximum ejection**
- C) minimum ejection**
- D) isometric relaxation**
- E) maximum filling**

**Answer: B**

**8) heart sounds:**

- A) we have only two of them**
- B) heard by phonocardiogram**
- C) opening of valves produce inaudible sound**
- D) recorded by stethoscope only**
- E) mainly produced by closure of valves**

**Answer: E**

**9) Ventricular filling occurs in:**

- a. Maximum filling.**
- b. Reduced filling.**
- c. Atrial systole**
- d.in A,B,c**
- e.both A&B**

**Answer:d**



**10) All valves of the heart are closed in:**

- a. Only in isometric contraction phase**
- b. Only in isometric relaxation phase. c. In maximum filling phase.**
- d. In maximum ejection phase**
- e. In both isometric contraction and isometric relaxation phases**

**Answer: E**

**11) Rushing blood from atrium to ventricle cause:**

- A) The first component of the first heart sound**
- B) The second components of the second heart sound**
- C) The third sound D) The fourth sound**

**Answer: C**

**12) H zone :**

- A) contains Actin**
- B) contains Actin and myosin**
- C) divided by M line**
- D) At the end of sarcomere**

**Answer: C**

**13) one of the following is correct:**

- A) axon is unidirectional in propagation**
- B) neuromuscular junction is unidirectional**
- c) Action potential has variable durations.**
- D) EPP is unidirectional**

**Answer: B**



**. 14) Where does humidification and warming of air occur?**

- A) upper part of RS**
- B) lower part of RS**
- C) Lung**
- D) alveoli**

**Answer: A**

**15) All are correct about lymph, except:**

- A) highest number in the mesenteries**
- B) superficial with veins and Deeper arteries**
- C) consider an open system**
- D) don't move superficial**

**Answer: D**

**16) Troponin-c function:**

- a) Blocks the active site**
- b) inhibits binding of actin & myosin**
- C) Inhibits ATPase activity**
- D) Ca binding**

**Answer: D**

**17) Result of contraction. Choose incorrect about it?**

- A) Width of (A) band decreased**
- B) The sarcomere becomes short**
- c) Width of (I) band decreased**
- d) Width of (H) Zone decreased**

**Answer: A**

**18) All factors increase resistance except :**

- b) blood vessel length**
- c) Anemia**
- a) viscosity**
- d) inverse of radius to the power of 4**

**Answer:c**



**19) Oxygen demand increased in all following except:**

- A) Normal heart rate**
- B) Acute load**
- c) Compensatory Hypertrophy**
- d) exercise**

**Answer: A**

**20) If stepping on a tack in right foot what is happening?**

- A) Extension of the left leg**
- B) Extension of the right leg**
- c) withdrawal of the left leg**
- D) Extension of both legs.**

**Answer: A**

**21) contraction of the extensors of the right leg happens?**

- A) When stepping on a track by sole of the left leg**
- B) stepping on big toe of the right leg**
- c) stepping on small toe of the right leg**
- D) when a weak stimulus affects the sole of the foot**

**Answer: A**

**22) Reflexive actions include all of the following except:**

- A- Stimulate sensory receptors**
- B-Stimulation of centrale synapses**
- C-inhibition of sensory receptors**
- D-inhibition of central synapses**

**Answer: C**



23) Motor tetanus is characterized by all The following except:

- a. Latent period is shorter than reflex tetanus.
- b. Gradual rise of contraction.
- c. Rapid relaxation when motor stimulation stops because there is no post discharge.
- d. Higher force of muscle contraction than in reflex tetanus.

Answer: B

24) thin filaments consist of:

- A) actin
- B) myosin
- C) tropomyosin
- D) troponin
- E) actin + troponin + tropomyosin

Answer: E

الكثير من خطواتنا ينقصها الجديّة، وأن لا نترك للأهواء فيها مكان، وأن لا نسلّم الرّاية لنفوسنا المزاجيّة المتقلّبة! من قال لك أن بلوغ الغايات سهل، أو أنّ الطّريق مُمرّد لخطاك! أصل المسألة نفسك، إن غلبتها كنت على غيرها أقدر.  
قصي العسيلي

