ECG Essentials of Electrocardiography 1st edition Soto Test Bank

SKU: 9781285180984-TEST-BANK

MULTIPLE CHOICE

1 : What is the process of inhaling and exhaling by breathing called??
A :
Internal expiration?

B :
?Homeostasis

C :
?External respiration

D :
?Thermogenesis

Correct Answer : C

2 : Urine is formed in the kidneys by tiny blood capillary units called _____.?
A :
?ions

B :
?nephrons

C :
?alveoli

D :
?neurons

Correct Answer : B

3 : Which of the following is a progressive lung disease that worsens over time, preventing a person from being able to breathe because of damage to the alveoli or thickening of the bronchi??
A :
?COPD

B :
?Dyspnea

C :
?CVA

D :
?Obstructive sleep apnea

Correct Answer : A

4 : The human body is composed of approximately what percentage of water??

A :
?20%

B :
?70%

C :
?40%

D :
?60%

Correct Answer : D

5 : Kidney stones are often a result of the kidney’s inability to absorb _____.?
A :
?calcium

B :
?potassium

C :
?glucose

D :
?amino acids

Correct Answer : A

6 : Hypertension disease has a strong link to the body retaining which of the following??
A :
?Adrenocorticotropic

B :
?High blood potassium

C :
?Excessive fluids

D :
?Excessive caffeine

Correct Answer : C

7 : What is the primary function of the thyroid gland??
A :
?To act as a control system in the body through brain activity and nerve endings

B :
?To regulate metabolism

C :
?To conserve energy

D :
?To deliver oxygen to the body while removing carbon dioxide from the cells

Correct Answer : B

8 : Which of the following is the primary connector between the brain and the heart??
A :
?Spinal cord

B :
?Spinal nerves

C :
?Cranial nerves

D :
?Vagus nerve

Correct Answer : D

9 : Where does the main source of brain energy come from??
A :
?Sodium

B :
?Potassium

C :
?Glucose

D :
?Brain natriuretic peptide

Correct Answer : C

10 : What is the diaphragm’s main purpose??
A :
?To control breathing

B :
?To control electrolyte levels

C :
?To regulate metabolism

D :
?To regulate the rate and force of a heart contraction through stimulation.

Correct Answer : A

11 : What system is often referred to as the heart’s “fight-or-flight” response??
A :
?Integumentary system

B :
?Sympathetic nervous system

C :
?Involuntary nervous system

D :
?Parasympathetic nervous system

Correct Answer : B

12 : Excessive perspiration is usually not normal and is called _____.?
A :
?peristalsis

B :
?thermogenesis

C :
?homeostasis

D :
?diaphoresis

Correct Answer : D

13 : High blood potassium, called hyperkalemia, can cause which of the following??
A :
?Irregular heartbeat

B :
?Low oxygen levels

C :
?Dyspnea

D :
?Decrease in blood volume

Correct Answer : A

14 : What type of strokes are caused by a blood clot that forms somewhere in the body and travels to the brain, where the clot then blocks blood flow??
A :
?Hemorrhagic

B :
?Somatic

C :
?Embolic

D :
?Thrombotic

Correct Answer : C

15 : What is the most common disease associated to autonomic nerve damage or autonomic failure??
A :
?Chronic obstructive pulmonary disease

B :
?Diabetes

C :
?Chronic dehydration

D :
?Hypertension

Correct Answer : B

16 : Hormones from what gland control the other glands in the endocrine system??
A :
?Pituitary

B :
?Parathyroid

C :
?Adrenal

D :
?Thyroid

Correct Answer : A

17 : Which of the following glands of the endocrine system are responsible for secreting glucose which controls blood sugar level??
A :
?Adrenal

B :
?Parathyroid

C :

?Pituitary

D :
?Pancreatic islets

Correct Answer : D

18 : Without intervention, what disease can lead to end stage renal disease and kidney dysfunction??
A :
?Hyperkalemia

B :
?Chronic obstructive pulmonary disease

C :
?Diabetes

D :
?Dysautonomia

Correct Answer : C

19 : What is the function of the parathyroid gland??
A :
?To interact with the sympathetic nervous system when responding to stress

B :
?To regulate the calcium levels throughout the body

C :
?To control electrolyte levels

D :
?To regulate metabolism

Correct Answer : B

20 : One early warning sign that a diabetic patient presents with is the development of_____ in the urine.?
A :
?protein

B :
?renin

C :
?potassium

D :
?sodium

Correct Answer : A

21 : Which of the following occurs when the body’s core temperature is reduced below normal??
A :
?Hyperkalemia

B :
?Hypothermia

C :
?Vasodilatation

D :
?Hyperthermia

Correct Answer : B

22 : Which of the following is the only physiological way the body can lose heat??
A :
?Radiation

B :
?Convection

C :
?Conduction

D :
?Evaporation

Correct Answer : D

23 : Fatty deposits (plaque) and cholesterol can cause the arteries that lead to the brain to become blocked, causing what type of stroke??
A :
?Adrenergic

B :
?Thrombotic

C :
?Hemorrhagic

D :
?Embolic

Correct Answer : B

24 : What hormone is secreted from the ventricles of the heart when the heart is under

increased pressure and stress??
A :
?Calcitonin

B :
?Thyroid stimulating

C :
?Brain natriuretic peptide

D :
?Adrenocorticotropic

Correct Answer : C

25 : What is the process of stabilizing the body's internal environment so that all of the body's organs work optimally??
A :
?Thermogenesis

B :
?Diaphoresis

C :
?Peristalsis

D :
?Homeostasis

Correct Answer : D

26 : Which of the following is body heat lost through sweating??
A :
?Evaporation

B :
?Conduction

C :
?Convection

D :
?Radiation

Correct Answer : A

27 : Normal breathing is approximately how many respirations per minute in an adult??
A :
?10

B :

?20

C :
?35

D :
?40

Correct Answer : B

28 : Within the lungs, tiny sacs called _____ act as the component responsible for the gas exchange of oxygen and carbon dioxide.?
A :
?alveoli

B :
?bronchi

C :
?atria

D :
?nephrons

Correct Answer : A

29 : What is the process of gas exchange within the systemic capillaries called??
A :
?Internal respiration

B :
?External expiration

C :
?Internal expiration

D :
?External respiration

Correct Answer : C

30 : Which of the following, left untreated, can increase the risk of irregular heartbeats or in cardiac compromised people, can increase or worsen the risk of heart failure due to oxygen starvation??
A :
?Dyspnea

B :
?Diabetes

C :

?COPD

D :
?Sleep apnea

Correct Answer : D

31 : Which of the following is considered a waste product in the body??
A :
?Oxygen

B :
?Amino acids

C :
?Carbon dioxide

D :
?Potassium

Correct Answer : C

32 : Where is calcium stored in the body??
A :
?Brain

B :
?Bones

C :
?Bladder

D :
?Blood

Correct Answer : B

33 : The parathyroid needs what hormone released by the thyroid gland in order to function??
A :
?Calcitonin

B :
?Adrenocorticotropic

C :
?Triodothyronine

D :
?Thyroxine

Correct Answer : A

34 : Through metabolism all the _____ in the body are regulated.?
A :
?fatty acids

B :
?hormones

C :
?vitamins

D :
?nutrients

Correct Answer : D

35 : Which of the following keeps the heart beating by circulating blood systemically??
A :
?Calcium

B :
?Sodium

C :
?Potassium

D :
? pH

Correct Answer : C