

Admission Test

BibleWay Bio Hygieo Institute

Please research or verify your answers online or from textbooks. Do not hurry in answering. You have two weeks to respond. Your passing mark is 80% correct answers.

Basic knowledge of human anatomy physiology

Please (✓) the answer you think is right.

About the Cells?

1. Do the cells carry electrical current values? Please indicate how much if the answer is yes.
Yes () _____ mV; No ()
2. Melatonin is capable of influencing every Cell within the human body. ()
3. After its release from the Pineal Gland during the night, Melatonin travels to the Nucleus of all of the body's Cells where it then communicates essential regulatory instructions to the Deoxyribonucleic Acid (DNA) of the Cell. These instructions probably include "youth instructions" that permit each Cell to behave as though it were younger than its chronological age. ()
4. Iron is essential for the activities of several enzymes involved in Cell division and growth, and impaired growth can occur as a result of Iron deficiency. ()
5. The body's Sodium reserves concentrate in the fluid surrounding Cells (extracellular), and 10% of the body's Sodium reserves concentrate inside the body's Cells (intracellular). ()

Is the statement below a correct statement? Please (✓) the answer you think is right.

"Every biological process is also an electric process" and "health and sickness are related to the bio-electric currents in our body." Correct () Wrong ()

You are not required to give the name of the person who made this statement if this is wrong. But, you have chosen correct, as an answer, please write the name of the person in the bracket below.

()

Which of these statements is correct about the mitochondria. Please (✓) the answer you think is right.

6. Cytochrome C Oxidase is intimately involved in the body's production of Energy in the mitochondria. ()
7. Cytochrome C Oxidase functions as the last Hydrogen electron carrier within the Electron Transport System, receiving an electron from Cytochromes and passing it on to Oxygen. ()
8. Melatonin may preserve the integrity of the Mitochondria. ()
9. Thyroid Hormones (especially Triiodothyronine (T3)) stimulates the production of Adenosine Triphosphate (ATP) in the Mitochondria. ()
10. Alpha-Linolenic Acid (LNA) may transport Oxygen to the Mitochondria for utilization in the production of Energy. ()
11. Cardiolipin concentrates on the inner membranes of Mitochondria where it maintains the flexibility of the Mitochondria, allowing smaller molecules to gain entry into the Mitochondria. ()
12. Magnesium Bicarbonate may enhance the function of the Mitochondria. ()

Which of this substance necessary for the chemical composition of bones? Please (✓) the answer you think is right.

- a. The protein, hexose, sialic acid and uronic acid.

a.

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- b. Glycoprotein content in neonatal bone.
- c. Boron concentrates on the Bones.
- d. Copper is essential for the growth of Bones.
- e. Lithium concentrates on the Bones.
- f. Magnesium concentrates in the Bones.
- g. Manganese accumulates in and may enhance the growth of Bones.
- h. Molybdenum concentrates in the Bones.
- i. Phosphorus may improve the growth of Bones.
- j. Potassium improves Bone health.
- k. Sodium concentrates in the Bones by 30%.
- l. Vanadium concentrates in the Bones.
- m. Zinc may stimulate the formation of Bones.

b.
c.
d.
e.
f.
g.
h.
i.
j.
k.
l.
M

Which of these vitamins necessary for the health and formation of the bones? Please (✓) the answer you think is right.

- a) Vitamin A ()
- b) Vitamin D ()
- c) Vitamin E ()
- d) Vitamin P ()
- e) Vitamin C ()
- f) Vitamin K1 ()
- g) Vitamin B12 ()

Basic knowledge on disease pathology.

Please (✓) the answer you think is right.

13. Disease pathology encompasses the causes, processes, and changes in body organs and tissues that occur with human illness.

- a) "Cells become more electronegative in the course of cancerization." ()
- b) "Dehydration is the underlying cause of many chronic "diseases."
- c) Who made the above statement?
 - a. Dr. Joe Frazer
 - b. Dr. Bethmoodjamal Aliun
 - c. Dr. Fereydoon Batmanghelidj

14. Diabetic Hypoglycemia occurs in Diabetes Mellitus patients when a treatment to lower the elevated Blood Glucose of Diabetes Mellitus inaccurately matches the body's physiological need, and therefore causes blood Glucose to fall to a below-normal level.

Right () Wrong ()

15. Reactive Hypoglycemia occurs 2 - 4 hours after a high Carbohydrate meal (or oral Glucose load). It is a consequence of excessive Insulin release triggered by the Carbohydrate meal but continuing past the digestion and disposal of the Glucose derived from the meal.

Right () Wrong ()

16. Habitual eating between meals could cause reactive hypoglycemia and could be health detrimental.

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Right () Wrong ()

17. Alcohol may induce reactive Hypoglycemia. Right () Wrong ()

18. Excessive consumption of Sucrose is a common underlying cause of Hypoglycemia.

Right () Wrong ()

19. Hypoglycemia may be caused by Insulin over-compensating for high Blood Sugar levels and lowering Blood Sugar to the extent that Hypoglycemia results (from excessive Insulin).

Right () Wrong ()

20. Hypoglycemia could cause insomnia.

Right () Wrong ()

21. Hypoglycemia could cause an epileptic attack.

Right () Wrong ()

22. Poor blood circulation can affect the following. Please (✓) the answer you think is right.

- a. Digestive system. ()
- b. It causes cerebral insufficiency. ()
- c. It affects metabolism. ()
- d. It affects cells formation. ()
- e. It affects the liver. ()
- f. It affects the immune system. ()

The basic knowledge of chemistry

Please (✓) the answer you think is right.

What is pH? (Please define it the best you can)

1. The wrong pH can affect the optimal function of the following.

- a. The digestive ()
- b. Metabolism ()
- c. Musculoskeletal ()
- d. Renal function ()
- e. Cell health ()
- f. Pulmonary health ()

2. What is Urea? (Please explain the best you can)

3. The following are symptoms related to excessive Urea.

- a. Fatigue ()
- b. Nausea ()
- c. Vomiting ()
- d. Cold ()
- e. Bone pain ()
- f. Itch ()
- g. Shortness of breath ()
- h. Seizures ()

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Basic knowledge of Nutrition

1. What are the Minerals essential for human health? Please (✓) the answer you think is right.

Minerals	Essential	Non essential	Minerals	Essential	Non essential	Minerals	Essential	Non essential
Oxygen			Carbon			Hydrogen		
Nitrogen			Calcium			Phosphorus		
Potassium			Sulfur			Chloride		
Sodium			Magnesium			Silicon		
Iron			Fluoride			Zinc		
Rubidium			Strontium			Lead		
Copper			Aluminum			Cadmium		
Barium			Cobalt			Manganese		
Selenium			Vanadium			Iodine		

2. What are the amino acids essential to human health?
3. What is the meaning of essential amino acid?
4. What is the meaning of the non-essential amino acid?

Please (✓) the answer you think is right.

Amino Acid

Amino Acid	Essential	Non essential	Amino Acid	Essential	Non essential	Amino Acid	Essential	Non essential
Isoleucine			Leucine			Lysine		
Methionine			Phenylalanine			Threonine		
Tryptophan			Alanine			Histidine		
Arginine			Asparagine			Aspartic Acid		
Citrulline			Valine			Cysteine		
Cystine			Glutamic Acid			Glutamine		
Glycine			Serine			Tyrosine		

Basic knowledge of Biblical healing

1. A woman came to you with this question.

I have prayed for my sick husband for healing for his prostate cancer; his condition did not improve, he died. Why, did not God answer my prayer for my husband for healing?

Choose the most biblical answer.

- a. God does not always respond to our desires, and he frequently allows circumstances we wish he would not. Theologically we call this sovereignty. We're instructed to pray, but healing isn't guaranteed. We are told in the Bible to pray when someone is sick, and the prayer offered in faith will make the sick person well; but we also know from Scripture this isn't a guarantee. King David fasted and prayed for seven days for God to spare his dying child, and, David said, "Who knows? The Lord may be gracious to me and let the child live." When that wasn't the case, David got up and worshiped God anyway. Inherent in our faith is the scriptural truth that God is in control; this includes the events he directs and the

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circumstances he allows. He has the power and responsibility to exercise his right over creation according to his will. God repeatedly chooses to veil how he exercises those rights. Hence our requests will not always coincide with God's response. We tend to doubt God's sovereignty in the midst of tumultuous times. It is Unfortunate that when we doubt we presume to comprehend everything about God.

- b. In prayer for the sick, it should remember that "we know not what we should pray for as we ought." We do not know whether the blessing we desire will be best or not. Therefore our prayers should include this thought: "Lord, you know every secret of the soul." God is acquainted with your husband. Jesus, his Advocate, gave His life for him. His love for him is greater than ours can be. If therefore, it is for His glory and the good of your afflicted husband, you ask, in the name of Jesus, that he restores us to health. If it is not God's will that he restores us back to health; you ask that His grace may comfort and His presence sustain you and him in sufferings. God knows the end from the beginning. He is acquainted with the hearts of all men. He reads every secret of the soul. He knows whether those for whom prayer is offered would or would not be able to endure the trials that would come upon them should they live. He knows whether their lives would be a blessing or a curse to themselves and the world; this is one reason why, while presenting our petitions with earnestness, we should say, "Nevertheless not my will, but Thine, be done."

Explain why you have chosen your answer. Answer in 300 or 500 words.