



Vitamin, Minerals & Supplements (2020)

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CLASS: M310

Vitamins & Minerals

1. _____ (True or False) The human body can synthesize its own vitamin C.
2. _____ (True or False) A healthy body can synthesize Vitamin A from Beta Carotene in the walls of the digestive tract.
3. _____ B-complex vitamin supplementation may be necessary if:
 - A. Sugar or alcohol is overconsumed
 - B. The individual experiences confusion, headaches, insomnia, or irritability
 - C. The person is diabetic
 - D. All of the above
4. _____ Which B vitamin would be most helpful for a client who needs help digesting protein?
 - A. B-1 (Thiamin)
 - B. B-3 (Niacin)
 - C. B-4 (Choline)
 - D. B-6 (Pyridoxine)
5. _____ (True or False) Antibiotic use does not cause vitamin deficiencies.
6. _____ Connective tissue defects such as bleeding gums or gingivitis, petechiae (pinpoint-sized red, brown or purple dots on the skin), rash, internal bleeding or impaired wound healing may be caused by a deficiency in?
 - A. Vitamin B-12
 - B. PABA
 - C. Vitamin C
 - D. Vitamin D3
7. _____ Which of the following should be taken in conjunction with vitamin D to prevent calcification in the body's soft tissues and arteries?
 - A. Vitamin A
 - B. Vitamin K
 - C. Magnesium
 - D. All of the above

8. _____ (True or False) Vitamin E deficiency should be considered when people are cigarette smokers, have fat malabsorption disorders, malnutrition, or genetic abnormalities that may cause vitamin E deficiency.
9. _____ (True or False) Vitamin K is damaged by aspirin and barbiturate use.
10. _____ (True or False) Humans have special enzymes in their stomach to break down rock mineral salts into a bioavailable form.
11. _____ (True or False) Calcium carbonate (limestone) is the best mineral supplement.
12. _____ It is estimated that _____ percent of people are deficient in magnesium.
- A. 20
B. 50
C. 65
D. 80
13. _____ High levels of phosphorus consumption can cause problems with:
- A. Circulation
B. Kidney Function
C. Blood Pressure
D. All of the above
14. _____ (True or False) Potassium initiates the pumping of the heart which moves blood throughout the body.
15. _____ (True or False) Sodium is an important regulator of the volume of water in the body.
16. _____ (True or False) Sulfur has been shown to raise blood levels of cholesterol and triglycerides, as well as improve cell membrane function in red blood cells.
17. _____ (True or False) Antacids and oral contraceptives can interfere with the absorption of manganese.
18. _____ 'Leukonychia Nail' where white spots appear underneath the finger and/or toe nails is an indicator of a deficiency of which of the following minerals?
- A. Selenium
B. Zinc
C. Copper
D. Fluoride

19. _____ (True or False) Research has shown that fluoride is much more toxic to the body when there is iodine deficiency present.
20. _____ Symptoms of chromium deficiency include:
- A. Insulin Resistance, Diabetes Mellitus, & High Cholesterol
 - B. Goiter, Heat Intolerance, & Sweating
 - C. Anemia, Fatigue, & Low Energy
 - D. All of the above

Supplements

21. _____ The amino acid Alanine is important as it aids in the conversion of glucose into _____. It also supports the liver in the elimination of _____. It is also significant in that it plays a role in the conversion of amino acid _____ products into pyruvate (which includes nitrogen) that is easily processed into urea by the liver and excreted by the kidneys:
- A. Ketones, Heavy Metals, Metabolic
 - B. Sugar, Fats, Molecule
 - C. Energy, Toxins, Waste
 - D. B & C
22. _____ (True or False) Glutamic Acid helps correct personality disorders and is useful in treating childhood behavioral disorders.
23. _____ (True or False) Branched-Chain Amino Acids (BCAAs) work best individually, rather than together.
24. _____ Which amino acid increases the potency of the antioxidants vitamin C and vitamin E:
- A. Lysine
 - B. Methionine
 - C. Carnitine
 - D. Asparagine
25. _____ (True or False) One of the best ways to increase nitric oxide in the body is through cardiovascular exercise.

26. _____ The amino acid Tryptophan is commonly used for:
- A. Alopecia
 - B. Cataracts
 - C. Insomnia
 - D. Motion Sickness
 - E. All of the above
27. _____ (True or False) Your own homemade broth is simple to make and more nutritious than any available for purchase in a store.
28. _____ (True or False) Adrenal glandular increases blood flow as it works to support the structural integrity of both the arteries and the veins.
29. _____ (True or False) Up until the 1950's eating organ meats such as liver and kidney was very common as most people understood that consuming organs was beneficial to their health.
30. _____ Ox bile is:
- A. Necessary for those who have had their gallbladders removed
 - B. Beneficial for those whose gallbladders and/or livers are not functioning efficiently
 - C. When people develop fatty liver or pass consistently fatty stools
 - D. All of the above
31. _____ Which of the following are signs of oxidative stress that indicate the person may need antioxidants?
- A. Atherosclerosis, Brain Fog, Cancer, Cataracts
 - B. Chronic Disease, Colds & Flu, Gray Hair, Hypertension
 - C. Memory Loss, Muscle Pain, Noise Sensitivity, Wrinkles
 - D. All of the above
32. _____ (True or False) Silymarin is a complex of antioxidants with an affinity for the liver and is ten times more potent than vitamin E. Most standardized herbs have approximately 80 percent silymarin. It is recommended to use standardized milk thistle to support changes in the body and not simply for maintenance.
33. _____ (True or False) Pollen promotes the diuretic action of the kidney and bladder.
34. _____ (True or False) Enzymes enhance the action of coenzymes.

35. _____ (True or False) If systemic enzymes are taken with food, they will break down the food instead of working to relieve inflammation systemically.
36. _____ Serrapeptase does which of the following?
- A. Reduces arterial plaque
 - B. Benefits mood swings
 - C. Restores gray hair to its original color
 - D. Eliminates dry eyes
37. _____ (True or False) The body can make all of the essential fatty acids that it needs from other fats.
38. _____ (True or False) If there is not enough of both Omega-3s and Omega 6s provided in the correct balance, the body will not have the resources to produce Omega 9s.
39. _____ Coconut oil has which of the following benefits?
- A. Contains all three EFAs (omega 3s, omega 6s & omega 9s)
 - B. Normalizes weight & repairs brain function
 - C. It is a blood purifier
 - D. All of the above
40. _____ Which oil is the best source of natural vitamin E?
- A. Coconut Oil
 - B. Olive Oil
 - C. Wheat Germ Oil
 - D. All of the above
41. _____ (True or False) While very beneficial to the body, not all people can tolerate fermented foods and beverages.
42. _____ Which of the following would be the best choice for an arsenic detoxification protocol?
- A. Chlorella
 - B. Spirulina
 - C. Both A & B

43. _____ (True or False) Cooking cruciferous vegetables does not have an effect on their goitrogenic effects.
44. _____ (True or False) Many modern soy products do not use traditional and proven processing techniques and are not safe for animal or human consumption.
45. _____ Which herb or herb property is known to have neuroprotective properties?
- A. Berberine
 - B. Cilantro
 - C. Huperzine A (HupA)
 - D. Essential Oil of Oregano
46. _____ Which of the following foods may be helpful for the production of chemicals in the brain that affect mood, focus, concentration, and even the ability to see clearly?
- A. Beets
 - B. Garlic
 - C. Onions
 - D. All of the above
47. _____ (True or False) Food sources of MSM have both macro and micro nutrients that are not available in supplements.
48. _____ (True or False) Ionic (nano) Silver and Colloidal Silver are exactly the same.
49. _____ Bentonite clay and _____ were found to significantly improve diaper rash.
- A. Elderberry
 - B. Calendula
 - C. Lavender
50. _____ (True or False) Shilajit is known to restore energy, increase fertility, enhance immunity, and safeguard memory against the effects of aging.

___ END OF TEST ___