

1. Phenotype is the genetic constitution of an organism
  - True
  - False
2. Microarray is
  - a. DNA molecules in a sequence
  - b. Allows scientist to detect thousands of genes
  - c. Is an extremely large sample size
  - d. Both a and b
3. Deoxyribonucleic acid is
  - a. Substance of gene composition
  - b. In the cell nuclei
  - c. A double helix
  - d. All of the above
4. The "omics" of nutrition is important because
  - a. Other disciplines have it
  - b. Nutrition intervention starts with the disease
  - c. Of the interrelationship between genes and diet
  - d. Quizzes
5. The use of new technologies such as \_\_\_\_\_ influence nutrition therapy.
  - a. RNA interface
  - b. Nanotechnology
  - c. Macroarrays
  - d. All of the above
6. Genome is all the genetic material in an organism's chromosome
  - a. True
  - b. False
7. Transcription is
  - a. RNA is synthesized from DNA
  - b. DNA is synthesized from RNA
  - c. AND is synthesized from ADA
  - d. No synthesis occurs
8. Bioactive food component is a compound that is
  - a. Toxic
  - b. Has a psychological effect
  - c. Has a health benefit
  - d. Has a physiological effect
9. Nutrition preemption is important for
  - a. Disease risk reduction via nutrition intervention
  - b. Disease risk enhancement via nutrition intervention
  - c. Avoidance of nutrition intervention
  - d. Acceptance of nutrition intervention
10. A gene is
  - a. A simple water soluble protein
  - b. A group, ion, or molecule