

A DEMO VERSION OF COMPUTER TESTING

Discipline: BIOLOGY

Choose one correct answer

1. Embryology studies
 - 1) fossils
 - 2) causes of mutations
 - 3) the laws of heredity
 - 4) embryonic development of organisms
2. The proteins of the outer membrane of the cell carry out
 - 1) hormonal function
 - 2) energy function
 - 3) motor activity function
 - 4) protective function
3. The genotype of an organism heterozygous for two alleles is
 - 1) AaBb
 - 2) AaBB
 - 3) aaBB
 - 4) AABb
4. The ability of the body to acquire new features in the process of individual development is called
 - 1) dominance
 - 2) variability
 - 3) adaptaion
 - 4) heredity
5. The type of variability that occurs in organisms under the influence of mutagens is
 - 1) correlative variability
 - 2) mutational variability
 - 3) group variability
 - 4) age variability
6. Example of a reflex acquired during a person's lifetime is
 - 1) the secretion of digestive juice during meals
 - 2) the release of digestive juice on the smell of food
 - 3) chewing, swallowing and digesting food
 - 4) absorption of nutrients in the small intestine
7. The bones of the human skeleton are formed from
 - 1) epithelial tissue
 - 2) connective tissue
 - 3) smooth muscle
 - 4) striated muscle
8. The gland in which both the digestive juice and hormones are formed is called
 - 1) pituitary gland
 - 2) the adrenal gland
 - 3) thyroid
 - 4) pancreas
9. Applying a splint to a broken limb
 - 1) prevents dislocation of broken bones
 - 2) reduces swelling of the limb
 - 3) prevents the penetration of microorganisms
 - 4) reduces bleeding

10. The main organ of the female reproductive system is
 - 1) testis
 - 2) the ovary
 - 3) the egg
 - 4) sperm
11. A plant cell, unlike an animal cell, has
 - 1) plasma membrane
 - 2) Golgi apparatus
 - 3) mitochondria
 - 4) plastids
12. Prokaryotic cells include
 - 1) animals
 - 2) Cyanobacteria
 - 3) mushrooms
 - 4) plants
13. In the roots of plants there is no
 - 1) dermal tissue
 - 2) meristems
 - 3) photosynthetic tissue
 - 4) vascular tissue
14. The vegetative organs of plants include
 - 1) the flower
 - 2) the fruit
 - 3) the stem
 - 4) the seed