

10th Class Biology English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The number of axons present in sensory neuron is:	A. one B. two C. three D. many
2	When the complete map of human genome was published?	A. 2002 B. 2001 C. 2005 D. 1902
3	Within the internal structure of a plant leaf, what is the main function of the numerous interconnected intercellular air spaces surrounding the mesophyll cells?	A. To store excess water for drought conditions B. To facilitate the transport of sugars to other parts of the plant C. To allow for efficient diffusion of gases like CO ₂ and O ₂ throughout the leaf D. To provide structural support and rigidity to the leaf tissue
4	Interferon was produced by genetically modified micro organisms in:	A. 1980 B. 1944 C. 1990 D. 1970
5	The muscles of ribs are called;	A. Smooth muscles B. Cardiac muscles C. Intercoastal muscles D. Coastal muscles
6	Amount of nitrogen in expired air is:	A. 70% B. 80% C. 79% D. 4%
7	Which of the following drugs is obtained from plants:	A. Sedative B. Analgesics C. Antibiotics D. Vaccines
8	A condition where the walls of the alveoli are damaged, leading to an enlargement of air spaces and a reduction in the surface area for gas exchange, is called:	A. Asthma B. Pneumonia C. Bronchitis D. Emphysema
9	The nervous system consists of billions of neurons and:	A. Hormones B. Nephrons C. Neuroglial cells D. Receptors.
10	Stomata are small pores primarily involved in which of the following homeostatic functions in plants?	A. Absorption of mineral salts from the soil B. Production of glucose during daylight C. Regulation of gas exchange and water vapor release D. Structural support for leaves
11	in the life cycle of plants how many generations alternate with each other?	A. two B. four C. five D. three
12	First step in Genetic Engineering is:	A. Isolation of gene of interest B. Insertion of gene into a vector C. Transfer of recombinant DNA into host D. Growth of the GMO
13	The length of trachea is _____ cm approximately:	A. 10 B. 12 C. 14 D. 16

14	The study of the relationship between organisms and their environment called:	B. Microbiology C. Ecology D. Genetics
15	What is the primary purpose of homeostasis in plants?	A. To increase photosynthesis rate. B. To maintain a stable internal environment. C. To attract pollinators. D. To enhance nutrient absorption from the soil.
16	A corn develops into new garlic plant. This process is called:	A. Natural vegetation propagation B. Regeneration C. Meiosis D. Gametogenesis
17	Among following, which is source of variations?	A. Mutation B. Crossing over C. Gene flow D. All of these
18	Aspirin belongs to the group of:	A. Derived from the animal B. Derived from plants C. Synthetic drugs D. Derived from bacteria
19	A purple flowered pea plant has the genotype PP, which of the following statements about this plant is FALSE.	A. Its phenotype will be white flowers . B. It has a homozygous dominant genotype. C. When bred to a white flowered plant all offspring will be purple flowered. D. All the gametes produced will have the same flower colour allele
20	When did scientists become able to cut and unite DNA?	A. 1945 B. 1924 C. 1944 D. 1970