

General Science 8th Class English Medium Chapter 3 Online Test

Sr	Questions	Answers Choice
1	Which fo these is NOT a genetic variation.	A. Attached earlobes B. Blood group C. Eye colour D. Mark of cut on skin
2	You are different from your brother and sisters This is called	A. Adaptation B. Variation C. Mitosis D. Hereditary
3	In humans, the eye colour is developed due to the effects of.	A. Diet B. Environment C. Genes D. Both a and b
4	The section of DNA which has information for making a specific protein is called.	A. DNA strand B. Nucleotide C. Chromosomes D. Gene
5	Chromosoems are made of.	A. DNA only B. DNA, Proteins and fats C. Proteins only D. DNA, and proteins
6	The characters which are passed from parents to off spring.	A. Environmental characters. B. Naturla characters C. Non -inheritable characters. D. Hereditary characters.
7	An event that occurs during interphase.	A. Division of nucleu B. Duplication of chromosomes C. Division of cytoplasm D. Formation of cell wall
8	Reduction of chromosomes takes place during.	A. Mitosis B. Meiotic -I C. Meiotic -II D. Both mitosis and meiotic -II
9	In humans, a sperm has 23 chromosomeds. Egg cell has.	A. 23 chromosomes B. 46 chromosomes C. No chromosomes D. 69 Chromosomes
10	Zygote is formed by the fusion of.	A. Two sperm cells B. Two egg cells C. Two somatic cells D. Sperm cell andegg cell
11	During reproduction, living things pass their characteristics to their.	A. Parents B. Grand parents C. Off spring D. Brother and sister
12	The transmission of characteristics from parents to off spring is called.	A. Heredity B. Inheritance C. Non-inheritance D. Both a and b
13	The basic physical and functional unit of heredity is called.	A. DNA B. RNA C. Centronere D. Gene
14	Genes are located on	A. Chromosomes B. Nucleus C. Centrosomes D. Cell membrane.
15	Chromosomes are..... structures.	A. Round B. Circular C. Long D. Thread like

16	A typical chromosomes consists of arms.	A. Two B. Three C. Four D. Five
17	In man, every somatic cell has chromosomes.	A. 23 B. 46 C. 16 D. 20
18	In maize, there are chromosomes.	A. 14 B. 16 C. 20 D. 48
19	In pea, there are chromosomes.	A. 14 B. 16 C. 20 D. 48
20	The DNA molecule consists of strands.	A. Two B. Three C. Four D. Five
21	The colour of eyes in an organism is controlled by a.	A. Egg B. Zygote C. Chromosomes D. Gene pair
22	A process by which a cell divides into two daughter cells.	A. Life Cycle B. Cell division C. Cell Cycle D. Alternation of generation.
23	Before the start of cell division, the parent cell passes through a phase called.	A. Prophase B. Interphase C. Anaphase D. Metaphase
24	The cells which are produced as a result of cell division are called.	A. Parent B. Primary C. Secondary D. Daughter
25	During interphase..... in the nucleus are duplicated.	A. DNA B. Gametes C. Cytokinesis D. Chromosomes
26	The process of cell division involves phases.	A. Two B. Three C. Four D. Five
27	Nuclear division is followed by.	A. Cytoplasm B. Nucleus C. Chromosomes D. Cytokinesis
28	Nucleus is a part of cell, which the whole cell actively.	A. Operate B. Control C. Observe D. Functionale
29	Chromosomes consist of DNA and.	A. Sperms B. Gametes C. Proteins D. Eggs
30	DNA is called..... material.	A. Hereditary B. Plasma C. Meiotic D. Chromatic
31	Type of cell division, which take place in all parts of plants and animals is.	A. Meiosis B. Mitosis C. Nuclear division D. Cytokinesis
32	Before mitosis, sets of chromosomes are.	A. Two B. Three C. Four D. Five
33	In meiosis, the nucleus of a cell divides.	A. One time B. Three times C. Four times

