

Inheritance

Sr	Questions	Answers Choice
1	Variation selected for their transmission to next generation are:	A. Favourable B. Continuous C. Discontinuous D. None of these
2	Alternatives forms of a gene are called:	A. Allele B. DNA C. Chromosome D. Gamete
3	Specific proteins have specific number and sequence of:	A. Enzymes B. Amino acids C. Locus D. Allele
4	Adenine always pairs with:	A. thymine B. Uracil C. Cytosine D. Guanine
5	Charles Darwin published a book "on the origin of species by means of Natural Selection" in:	A. 1858 B. 1859 C. 1889 D. 1890
6	Adenine always pairs with:	A. thymine B. guanine C. cytosine D. uracil
7	The specific combination of genes in an individual is called.	A. Phenotype B. Genotype C. Karyotype D. Phenooopy
8	Who developed fundamental principles of genetics?	A. Lamark B. Gregor mendle C. Charles lyll D. Charles Darwin
9	These are unit of inheritance.	A. Genes B. Alleles C. Phenotype D. Genotype
10	In variation, the phenotypes shows a complete range of measurements from one extreme to the other is.	A. Discontinuous B. Continuous C. ^{Both a and b} D. None of these
11	ABO blood system is controlled by a gene I The number of alleles I.The number of alleles of this gene are:	A. two B. three C. five D. many
12	DNA is surrounded by a protein and form a structure called:	A. Nucleotide B. Nucleoside C. Nucleosome D. Nucleus
13	The specific combination of genes in an individual is called:	A. Phenotype B. Genotype C. Karyotype D. Gepotype
14	Transmission of character (traits) from parent offspring is called:	A. Inheritance B. Mutation C. Regeneration D. Reproduction
15	Among following which is favourable variation in mouse?	A. Light coloured skin B. Medium coloured skin C. Dark coloured skin D. All of these

		D. All of these
16	the actual location of gene on chromosome is:	A. Locus B. Karyotype C. Chromatids D. Centromere
17	Chromatin material is made of:	A. DNA B. Protein C. RNA D. DNA and Protein
18	The alternate forms of a gene are called:	A. traits B. companion genes C. alleles D. homologous genes
19	Copies of chromatids of chromosomes are made through the process called.	A. Inheritance B. Transcription C. Translation D. Replication
20	Transmission of characteristics from parents to offsprings is called as:	A. Replication B. Inheritance C. co-dominance D. Mutation