

Biology FSC Part 2 Chapter 20 Online MCQ's Test

Sr	Questions	Answers Choice
1	In sickle cell anemia code for glutamic acid is replaced by.	A. Leucine B. Valine C. Proline D. Histidine
2	Every 200 nucleotides the DNA duplex is coiled around a core of eight histone proteins forming a complex known as a	A. Histomone B. Nucleosome C. Peroxisome D. Glyoxisome
3	Chromosomes appear inside the nucleus at the time of.	A. Cell division B. Cell maturation C. Cell elongation D. Cell differentiation
4	Pentose sugar in the molecule of DNA is	A. Ribose B. Deoxyribose C. Sucrose D. Lactose
5	In 1944 Oswald Avery along with Colin Macleod and Maclyn McCarty repeated experiments of	A. Lamarck B. Griffith C. Darwin D. Spemann
6	Histones are positively charged due to an abundance of the basic amino acids	A. Arginine B. Lysine C. Both a & c D. Alanine
7	RNA polymerase II synthesize.	A. mRNA B. tRNA C. rRNA D. cDNA
8	Which of the following polymerase synthesize tRNA.	A. RNA Polymerase -I B. RNA Polymerase -III C. RNA Polymerase -II D. DNA Polymerase
9	Genetic code for the amino acid methionine is.	A. AUC B. UGC C. CGC D. AUG
10	A gene with initiation codon, which encodes the amino acid methionine is.	A. UAA B. UAG C. AUG D. UGG
11	In 1953 Watson and Crick proposed structure of the	A. RNA molecule B. ATP molecule C. DNA molecule D. NAD molecule
12	Chromosomal theory of inheritance was first formulated by.	A. Karl Correns B. T.H.Morgan C. W. Sutton D. Carvin Bridges
13	Human cells have 46 chromosomes consisting of	A. 20 pairs B. 21 pairs C. 22 pairs D. 23 pairs
14	Which of the following is a 'start' codon	A. AUG B. UAG C. UAA D. UGA
15	No of chromosomes in Honey bee are.	A. 6 B. <div>20</div> C. 32 D. 40

16	Adenine and guanine are called	A. Purines B. Pyrimidines C. Both a & b D. None of these
17	Morphological characteristics of chromosome are collectively called.	A. Holotype B. Karyokinesis C. Karyotype D. Neotype
18	In sickle cell anemia disease, a single thymine is replaced with an adenine in the DNA that codes for.	A. Valine B. Glycine C. Histidine D. Glutamic acid
19	Walter Fleming first discovered chromosomes in the dividing cells of.	A. Frog larvae B. Sea urchin larvae C. Insect larvae D. Salamander larvae
20	The number of chromosomes in frog is	A. 52 B. 26 C. 13 D. 7