

Biology FSC Part 2 Chapter 20 Online MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | In 1953 Watson and Crick proposed structure of the | A. RNA molecule B. ATP molecule C. DNA molecule D. NAD molecule |
| 2 | A central role for chromosomes in heredity was first suggested in 1900 by. | A. Karl correns B. W. Sutton C. F. Griffiths D. T.H.Morgan |
| 3 | DNA was discovered in | A. 1869 B. 1864 C. 1961 D. 1972 |
| 4 | Adenine and guanine are called | A. Purines B. Pyrimidines C. Both a & b D. None of these |
| 5 | The number of nucleotides in the DNA of a typical human chromosome is about | A. 10 Million B. 40 million C. 80 million D. 140 million |
| 6 | How many million nucleotides are in DNA of typical human chromosome | A. 140 B. 160 C. 180 D. 200 |
| 7 | Genetic code is a combination of 3 nucleotides in DNA which specify a particular | A. Amino acid B. Fatty acid C. Vitamin D. Steriod |
| 8 | In the double helix of DNA adenine forms two hydrogen bonds with | A. Thymine B. Guanine C. Cytosine D. Uracil |
| 9 | Each tRNA has a sequence of three bases called anticodon which is complementary to codon of | A. rRNA B. tRNA C. mRNA D. snRNA |
| 10 | The base pairs in human genome are. | A. Two billion B. Three billion C. Four billion D. Five billion |
| 11 | Amino acid attachment site of tRNA is. | A. G-end B. 2' -end C. 3' - end D. 5' -end |
| 12 | V-shaped chromosomes are called. | A. Acrocentric B. Metacentric C. Telocentric D. submetacentric |
| 13 | The number of chromosomes in frog is | A. 52 B. 26 C. 13 D. 7 |
| 14 | Unlike most proteins, histones are. | A. Positively charges B. Neutral C. discharged D. Negatively charged |
| 15 | Okazaki fragments are about 1000 - 2000 nucleotides long in | A. Prokaryotes B. Eukaryotes C. Both a & b D. None of these |

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| 16 | Human cells have 46 chromosomes consisting of | A. 20 pairs B. 21 pairs C. 22 pairs D. 23 pairs |
| 17 | Innate behavior is all except; | A. Coded in DNA B. Modified in individuals life span C. Modified with species evolution D. Programmed responses to external stimuli |
| 18 | A sequence of three nucleotides in mRNA is called. | A. Cistron B. Codon C. Anticodon D. Templet |
| 19 | No of chromosomes in Honey bee are. | A. 6 B. <div>20</div> C. 32 D. 40 |
| 20 | Which of the following is a non sense codon. | A. UGA B. UGG C. AUG D. AUC |
