

Biology FSC Part 2 Chapter 24 Online MCQ's Test

Sr	Questions	Answers Choice
1	The change of frequency of alleles at locus that occur by chance is called.	A. Mutation B. Migration C. Genetic drift D. Selection
2	According to one of the speculations life may have begun deep in the oceans in underwater hot springs called hydrothermal	A. Apertures B. Gaps C. Vents D. Outlets
3	The idea of endosymbiont was purposed by.	A. Cuvler B. Lyell C. Malthus D. Margils
4	According to endosymbiont hypothesis, the aerobic bacteria developed into.	A. Ribosome B. Lysosome C. Mitochondria D. Golgi apparatus
5	Endosymbiont hypothesis explains origin of.	A. cell B. Prokaryotic cell C. Eukaryotic cell D. Ribosome
6	Endangered species of plants have been recorded to more than	A. 200 B. 300 C. 400 D. 500
7	Armadillos the armoured mammals live only in the	A. Africa B. America C. Europe D. Asia
8	Archaeobacteria tolerate temperatures up to	A. 10 ^o C B. 40 ^o C C. 67 ^o C D. 120 ^o C
9	Some amoebflagellates ingested cyanobacteria and led to the development of	A. Mitochondria B. Golgi apparatus C. Chloroplasts D. Vacuoles
10	Endosymbiont hypothesis was proposed by.	A. Wallace B. Lamarck C. Lynn Margulis D. Linnaeus
11	Zoos and botanical gardens are to save species whose extinction is.	A. Imminent B. Parmanent C. Prominent D. dominant
12	Darwin's origin of species was published in.	A. 1840 B. 1859 C. 1865 D. 1890
13	Lyell published the principle of.	A. Population B. Community C. Geology D. Blome
14	In Griffith experiment mice developed pneumonia when they were injected with:	A. R-type bacteria B. Heat killed S-type bacteria C. Heat killed R-type bases D. Heat killed S-type bacteria along with live R-type bacteria
15	The ultimate source of change is.	A. Evolution B. Mutation C. Genetic drift D. Natural selection

		D. Migration
16	How many types of finches did Darwin collect on Galapagos Island.	A. 13 types B. 20 types C. 25 types D. 30 types
17	In mitochondria UGA codon act to specify _____ instead stop codon:	A. Arginine B. Valine C. Glutamic acid D. Tryptophan
18	In human Eustachian tubes connect middle ear with	A. Nose B. Eye C. Throat D. Brain
19	Number of cervical vertebrae in a male camel	A. 7 B. 11 C. 15 D. 18
20	Evolutionary relationships among species are reflected in their	A. DNA and proteins B. Emigration C. Immigration D. Inheritance
21	In the eighteenth century organisms were classified by	A. Charles Darwin B. Alfred Wallace C. Carolus Linnaeus D. J.B Lamarck
22	Among the birds Darwin collected 13 types of	A. Finches B. Robins C. Ferrets D. Pterodactyls
23	If all members of a population are homozygous for the same allele that allele is said to be	A. Multiple allele B. Jumping gene C. Fixed in the gene D. Perfect gene
24	In man the vestigial organs are	A. Ear muscles B. Nictitating membrane C. Coccyx D. All a,b and c
25	If an mRNA is synthesized with the different codons, what is the minimum number of amino acids in the protein that is formed by the mRNA?	A. 64 Amino acids B. 62 Amino acids C. 60 Amino acids D. None of them
26	The parts of the body used extensively to cope with the environment become larger and stronger while those that are not used deteriorate was argued by	A. Charles Darwin B. Alfred Wallace C. Carolus Linnaeus D. J.B Lamarck
27	Armadillos, the armored mammals live only in	A. Africa B. America C. Europe D. Asia
28	Which of the following is vestigial organ of whale.	A. Pelvis B. Leg bones C. Pelvis and leg bones D. Lungs
29	In terrestrial vertebrates, the gill pouches develop into.	A. Gills B. Lungs C. Nose D. Eustachian tube
30	Book "The origin of species" was written by.	A. Linnaeus B. Darwin C. Wallace D. Lamarck
31	Archaeobacteria can tolerate temperature upto.	A. 120 °C B. 140 °C C. 160 °C D. 180 °C
32	Which one of the following is endangered in Pakistan.	A. Indian rhino B. Indus Dolphin C. tiger D. Cheer pheasant
33		A. 1.2 B. 1.3

33	Eukaryotes are thought to have first appeared about ____billion years ago	 C. 1.4 D. 1.5
34	Jean Baptiste Lamarck published his theory of evolution in	A. 1757 B. 1809 C. 1859 D. 1945
35	Inheritance of acquired characteristics was proposed by	A. Darwin B. Mendel C. Lamarck D. Mathus
36	In natural selection, the environment plays role affecting the proportions of gene in .	A. Population B. Community C. Area D. Blome
37	If the amount of adenine in DNA of a bacterial cell is 36% of the total nitrogenous bases, what will be the amount of guanine in the DNA of a cell in next generations:	A. 14 % B. 28 % C. 36 % D. 64 %
38	Flagella may have arisen through the ingestion of prokaryotes similar to spiral shaped bacteria called.	A. E. Coli B. Streptococcus C. spirochete D. Rhizobium
39	Principles of geology was published by.	A. Darwin B. Lyell C. Linnaeus D. Lamarck
40	The Idea of endosymbiont was purposed by	A. Cuvler B. Lyell C. Malthus D. Margulis
41	If the condon consisted of only two nucleotides, there would be how many possible condons?	A. 4 B. 8 C. 2^2 D. 16
42	Hardy Weinberg's theorem describes the frequencies of genotype of non evolving.	A. Family B. Population C. Species D. Community
43	Alfred wallace developed a theory of natural selection essentially.	A. Linnaeus's B. Darwin's C. Mendel's D. Lamark's
44	A general formula called the hard-Weinberg equation is used for calculating the frequencies of alleles and genotypes in populations at	A. Equilibrium B. Balance C. Stability D. Poise
45	In eukaryotic mRNA molecule there are 90 nucleotide involved in translation process. What is the number of amino acid in the protein formed by this mRNA molecules?	A. 29 Amino acids B. 30 Amino acids C. 45 Amino acids D. 90 Amino acids
46	Which one is not a vestigial organ of human being.	A. Appendix B. coccyx C. eye lid D. Nictitating membranes
47	Some individuals leave behind more progeny than others and the rate at which they do so is affected by their inherited characteristics. This is called.	A. Non random mating B. Selection C. Migration D. Mutation
48	An essay on the principle of population was published by	A. Darwin B. Wallace C. Malthus D. Linnaeus
49	Who believed in the theory of special creation.	A. Lamark B. Darwin C. Carolus Linnaeus D. Hyell
50	The most threatened areas on the earth have been reduced to 44% of their original extent are	A. Tropical rain forests B. Temperate rain forests C. Coniferous forests D. Deciduous rain forests

51	A group of bacteria that can tolerate temperate upto 120 °C	A. Eubacteria B. Mycoplasma C. Archaeobacteria D. E.Coli
52	Which one of the following acts as a stop codon?	A. UGG B. UGC C. UAG D. UGU
53	Tubes that connect the middle ear with the throat in humans are called.	A. eustachian tube B. Fallopian tube C. Neural tube D. Nephridial tube
54	In Meselson and Stahl experiment, the DNA from sample at 20 minutes, after centrifugation it made sediments at the :	A. Top B. Bottom C. Intermediate D. Top & intermediate
55	In Pakistan among the animals declared extinct is	A. White headed duck B. Marbled teal C. Houbara Bustard D. Crocodile
56	The total aggregate of genes in a population at any one time is called the population's gene	A. Puddle B. Lake C. Pool D. Pond
57	The armored mammal that lives only in America is the.	A. Armadillo B. Echidna C. Penguin D. Pelvis and leg bones
58	A chromosome with unequal length of its arm is called:	A. Metacentric B. Sub metacentric C. Acrocentric D. Telocentric
59	Endangered species of plants have been recorded to more than.	A. 300 B. 500 C. 600 D. 800
60	In Hershey & Chase experiment, ³² P labeled bacteriophages allowed to infect the bacteria. During analysis ³² P activity was detected:	A. In culture medium B. On the surface of bacterial cell C. Inside the bacterial cell D. Both A and B
61	Homologous structures represent.	A. Convergent evolution B. Analogy C. divergent evolution D. Functional similarity
62	Gene pool consists of all alleles at all gene loci in all individuals of the	A. Family B. Clan C. Population D. Community
63	A group of individuals belong to a particular species and sharing a common geographic area is called.	A. Community B. Population C. Ecosystem D. Biosphere
64	Biogeography is the geographical distribution of.	A. Phylum B. species C. Genera D. Classes