

Biology FSC Part 2 Chapter 23 Online MCQ's Test

Sr	Questions	Answers Choice
1	Eco. R is a commonly used	A. Gene B. Restriction enzyme C. Bacteria D. Bacteriophage
2	The two different places of DNA joined together is called as.	A. Dimeric DNA B. Chimeric DNA C. Trimeric DNA D. Tetrameric DNA
3	The enzyme which joins the two pieces of DNA is	A. DNA polymerase -I B. DNA ligase C. Restriction endonuclease D. DNA polymerase -II
4	Which enzyme acts as molecular scissors.	A. DNA ligase B. DNA polymerase C. RNA polymerase D. Restriction endonuclease
5	Inheritance of skin colour in man is controlled by eight pairs of genes , which are:	A. Linked B. Codominant C. Multiple alleles D. Assorting independently
6	When expression of a biological character is observed in variable intensity, it is due to the effect of:	A. Multiple alleles B. Codominance C. Epitasis D. Polygenic inheritance
7	What are the phenotypes of the parent of a colour-blind son and non-carries daughter with normal colour vision?	A. FATHER MOTHER Carrier Normal B. FATHER MOTHER Colour blind Carrier C. FATHER MOTHER Normal Carrier D. FATHER MOTHER Normal Colour- blind
8	Two parents, each of blood groups A, have a daughter of blood group O. what is the probability that their next child who has blood group O?	A. 0.125 B. 0.25 C. 0.50 D. 0.75
9	A woman with normal colour vision, whose father was red-green colour blind, married a red-green colour-blind man. What is the probability of her first-born child being red-green colour blind?	A. 1.0 B. 0.75 C. 0.50 D. 0.025
10	How many different kinds of the gametes will be formed by an individual , who is heterozygous for four gene pairs:	A. 8 B. 16 C. 20 D. 30
11	A man of blood group A marries a woman of blood group B and they have one child. Which one of the following statements about the child's blood is correct?	A. It could be group A only B. It could be group AB only C. It could be group A or Group B only D. It could be any of the groups A,B,AB, O
12	The number of linkage groups in man is:	A. 02 B. 23 C. 46 D. 92
13	Chances for a son or daughter in human birth are:	A. 3:1 between son and daughter B. 1:3 between son and daughter C. 1:1 between son and daughter D. None of them
14	Blood group B phenotype contains anti-A antibodies in the serum and agglutinates any RBC with antigen:	A. AB B. O C. A D. B

D. B

15 An enzyme that can be used to treat a human lysosome storage disease is

- A. B-galactosidase
- B. a-galactosidase
- C. Glucosidase
- D. Invertase

16 PCR takes its name from

- A. RNA polymerase
- B. DNA polymerase
- C. DNA ligase
- D. Endonuclease

17 It is estimated that human genome could take an encyclopaedia of 200 volumes each with

- A. 10 pages
- B. 100 pages
- C. 1000 pages
- D. 10,000 pages