

Biology FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which one of the following acts as a stop codon?	A. UGG B. UGC C. UAG D. UGU
2	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
3	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
4	A chromosome with unequal length of its arm is called:	A. Metacentric B. Submetacentric C. Acrocentric D. Telocentric
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. Epitaxis D. Polygenic inheritance
7	What are the phenotypes of the parents of a colour-blind son and non-carrier 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 The most important hormone in initiating and maintaining lactation after birth is:

- A. Estrogen
- B. FSH
- C. Prolactin
- D. Oxytocin

16 Identical twins result from the fertilization of:

- A. One ovum by the sperm
- B. One ovum by the two sperms
- C. Two ova by two sperms
- D. Two ova by one sperm

17 The outer layer of the blastocyst, which later attaches to the uterus, is:

- A. Decidua
 - B. Trophoblast
 - C. Amnion
 - D. Inner cell mass
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