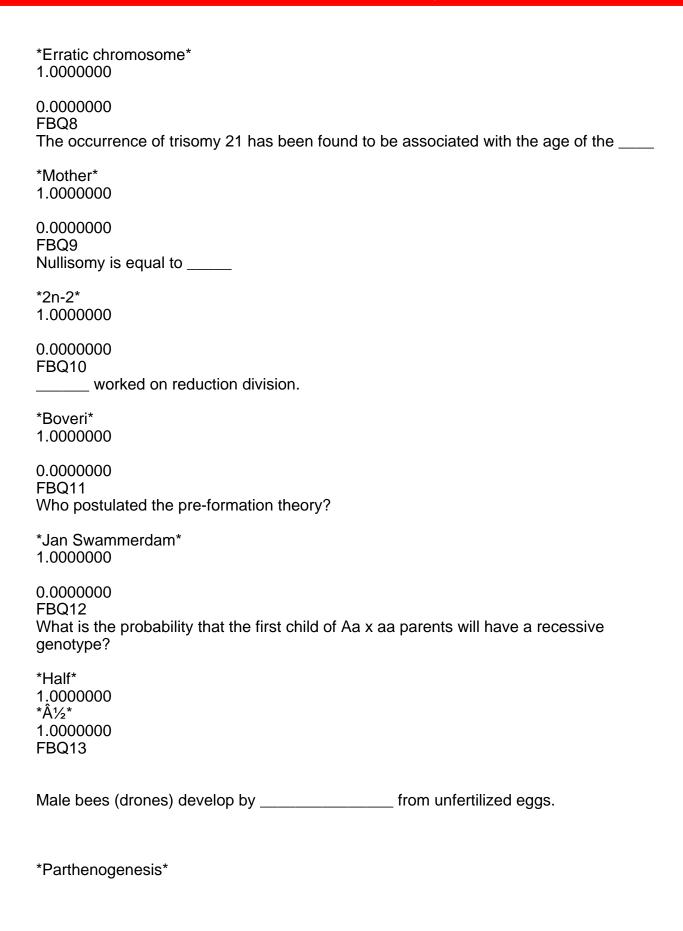
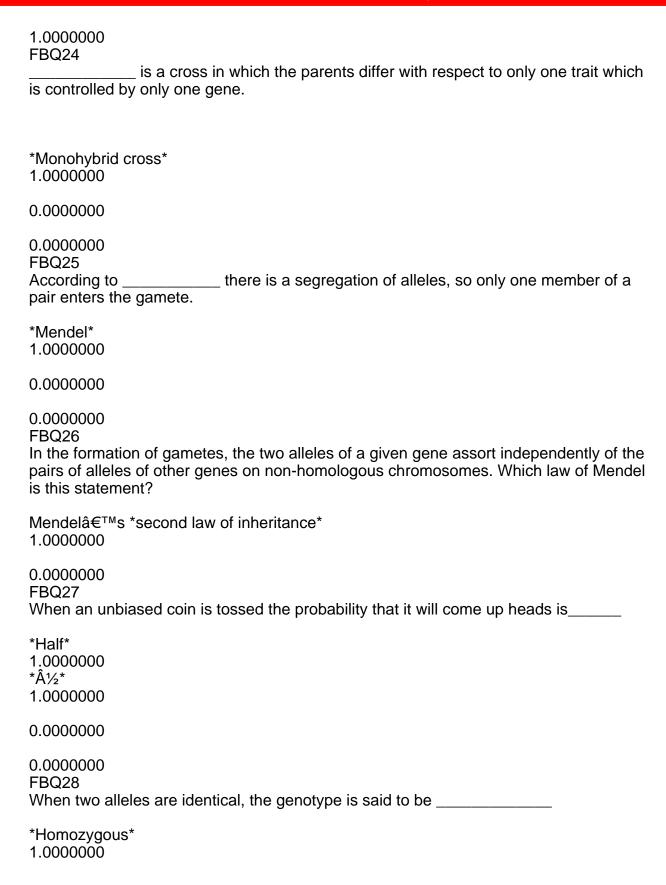
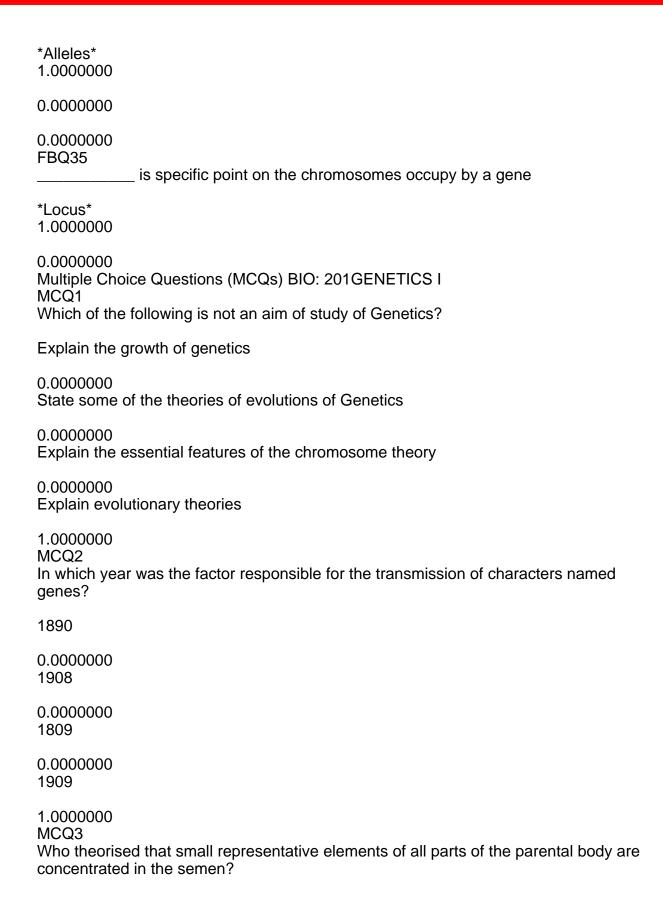
Default for BIO201 The default category for questions shared in context 'BIO201'. Fill in the Blank (FBQs) BIO: 201 GENETICS I FBQ1
are responsible for the characteristics or traits that are shown by the organisms
*Genes* 1.0000000
0.0000000 FBQ2 Who disproved the theory postulated by Hippocrates?
*Aristotle* 1.0000000
0.0000000 FBQ3 Who disproved the theory postulated by Hippocrates?
*Aristotle* 1.0000000
0.0000000 FBQ4 The theory of pangenesis was tested by
*August Weismann* 1.0000000
0.0000000 FBQ5 The chromosomal theory of inheritance is the idea that genes, the units of heredity are and are found in the chromosomes
*Physical* 1.0000000
0.0000000 FBQ6 In which year was the theory of Germplasm formulated?
*1885* 1.0000000
0.0000000 FBQ7 Boveri was able to show that abnormal development of a dispermic embryo was the result of the distribution rather than dispermy per se.

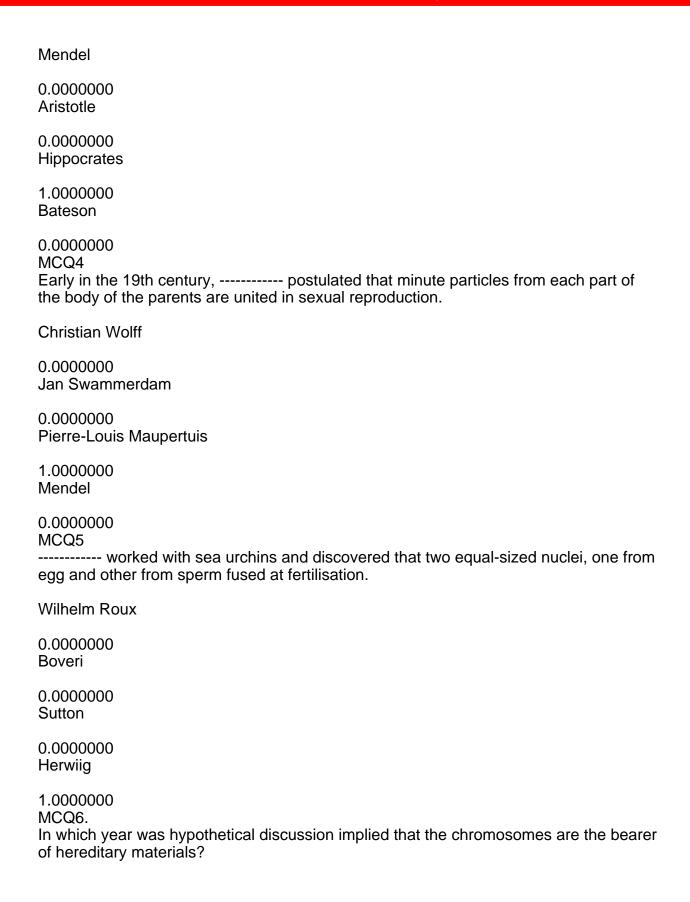


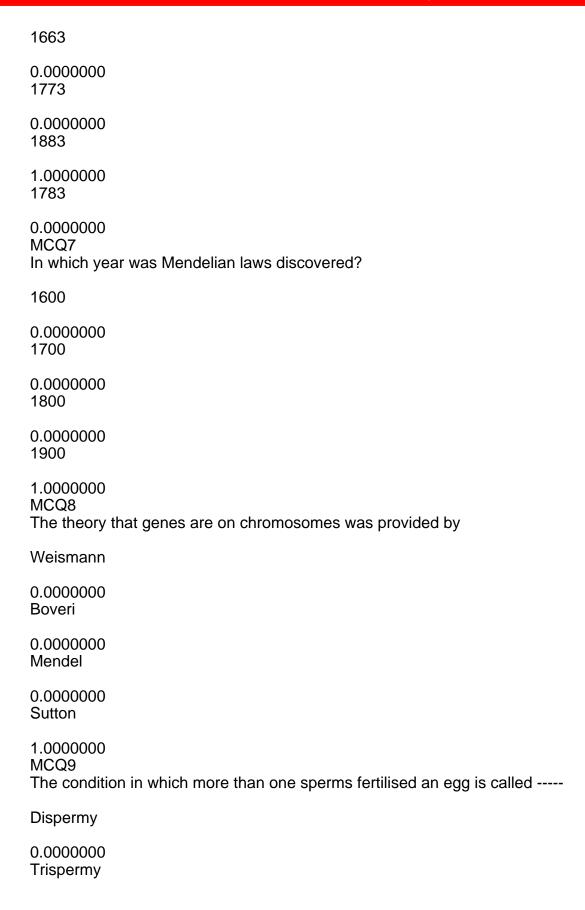
1.0000000
0.0000000 FBQ14 A male that possess female characteristics externally shows a condition known as
*Testicular feminisation* 1.0000000  *Male pseudohermaphroditism* 1.0000000 FBQ15 When a grandfather transmits his X chromosome to his grandson through his daughter this situation is referred to as
*Crisscross* 1.0000000
0.0000000
0.0000000 FBQ16. A dark staining body in the interphase nucleus of most female somatic cell is called
*Barr body* 1.0000000
0.0000000 FBQ17 The gene that is transmitted from father to the son only is described as
*Holandric gene* 1.0000000
0.0000000 FBQ18 are the genes that are present in both sexes but only expressed themselves in one sex
*Sex-limited traits* 1.0000000
0.0000000
0.0000000 FBQ19.

Gametogenesis involves and and
*Oogenesis, spermatogenesis* 1.0000000 *Spermatogenesis, oogenesis* 1.0000000 FBQ20. Who thought that mysterious vital forces were responsible for what he thought was a de novo origin of adult parts.
*Pierre-Louis*
0.0000000 *Wolff*
1.0000000 *Karl Ernst*
0.0000000 *Jean-Baptiste*
0.0000000 FBQ 21 is the variations in the number of individual chromosomes which give unbalanced set of chromosome
*Aneuploidy* 1.0000000
0.0000000 FBQ22
*1885* 1.0000000
0.0000000 FBQ23
is the process that bring about equal distribution of the nuclear materials important for the physiological and developmental process of the cell
*Mitotic process* 1.0000000 *Mitosis*

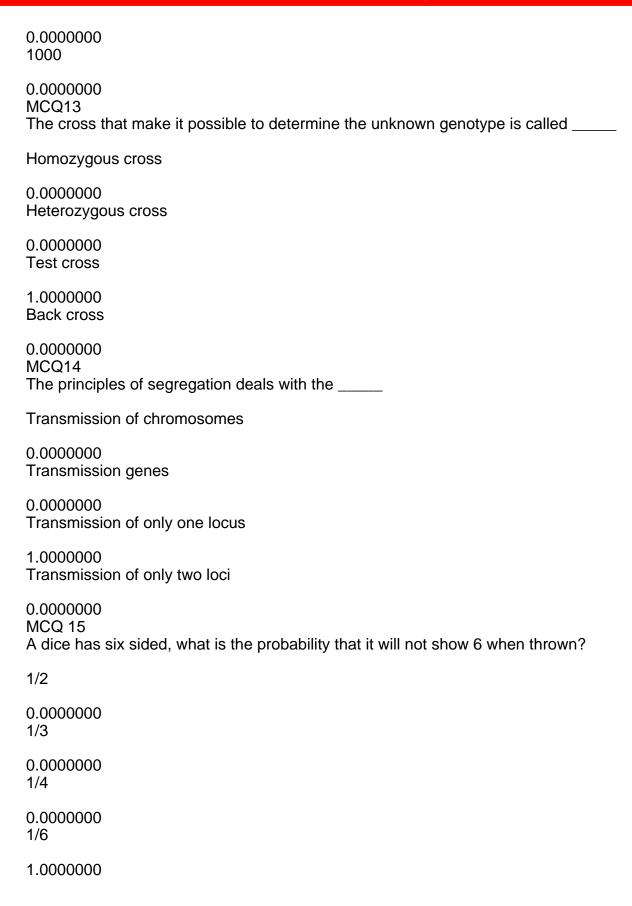






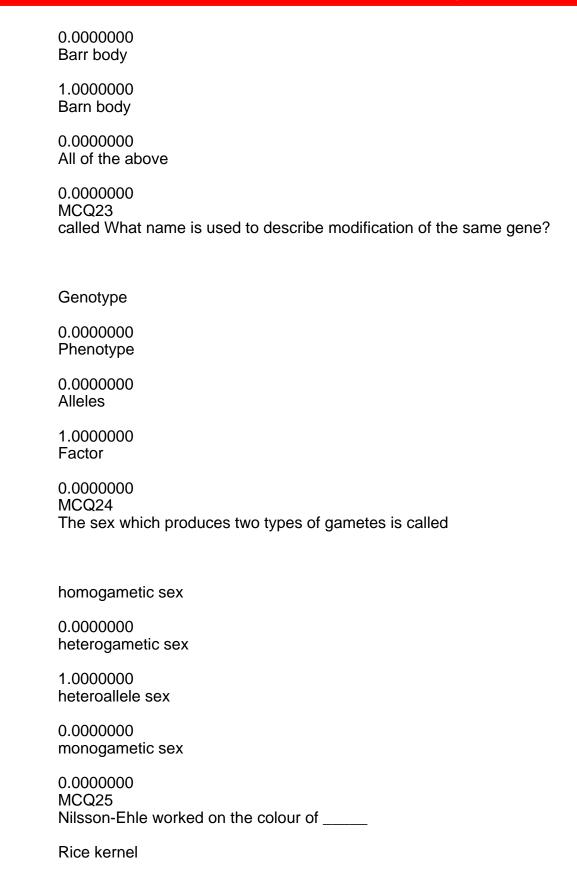


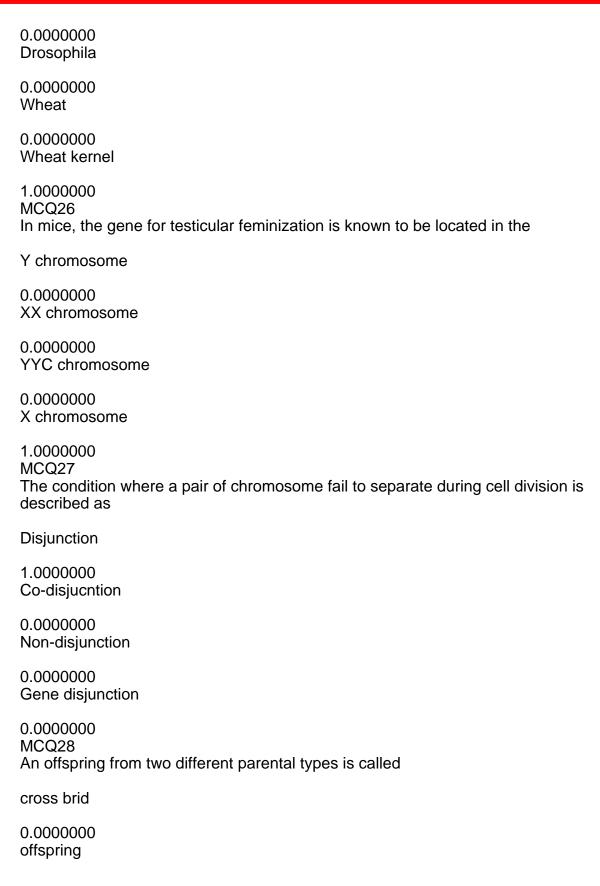
```
0.0000000
Polysperm
1.0000000
Monospermy
0.0000000
MCQ10
In Datura, what is the haploid number of chromosome?
12
1.0000000
13
0.0000000
14
0.0000000
15
0.0000000
MCQ11
Those affected with Down's syndrome have ----- number of chromosomes
44
0.0000000
45
0.0000000
46
0.0000000
47
1.0000000
MCQ12
In general population, the occurrence of trisomy 21 is one in --- live births
500
0.0000000
600
1.0000000
800
```

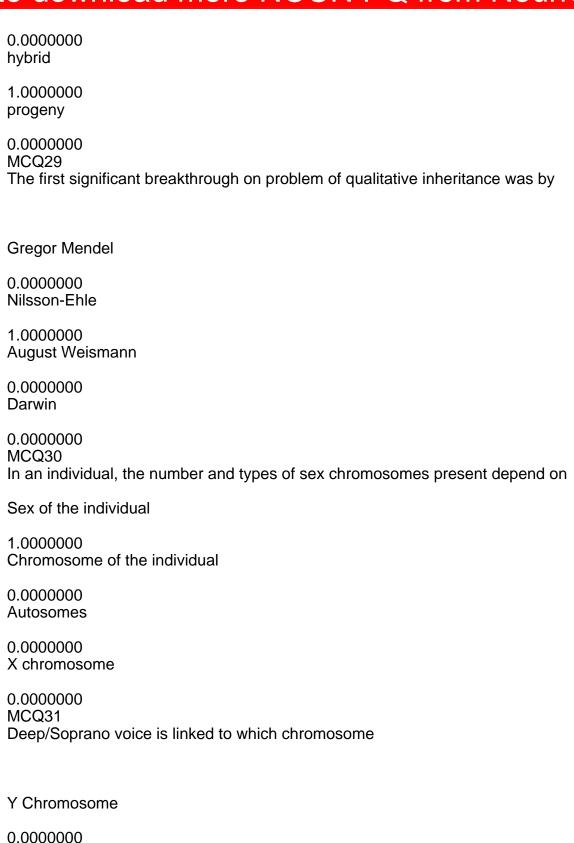


MCQ16 When two monohybrids are crossed, how many of the progeny will have dominant phenotype? ½ 0.0000000 ¼ 0.0000000 1/3 0.0000000 ¾ 1.0000000 MCQ17 Which of the following is not an objective of study quantitative polygenic inheritance? To state how the genotype determines the phenotype 0.0000000 To account for the shades of difference between the variety of phenotypes in a given polygenic trait 0.0000000 To establish that the basic principle of inheritance is still in operative 0.0000000 To state how phenotype determines the genotype 1.0000000 MCQ18 The general term used to describe the number of whole sets of Chromosome is\_\_\_\_\_ **Diploid** 0.0000000 Haploid 0.0000000 Ploidy 1.0000000 Variation 0.0000000 MCQ19 Sex determination in Drosophila involves interaction between the autosome and the

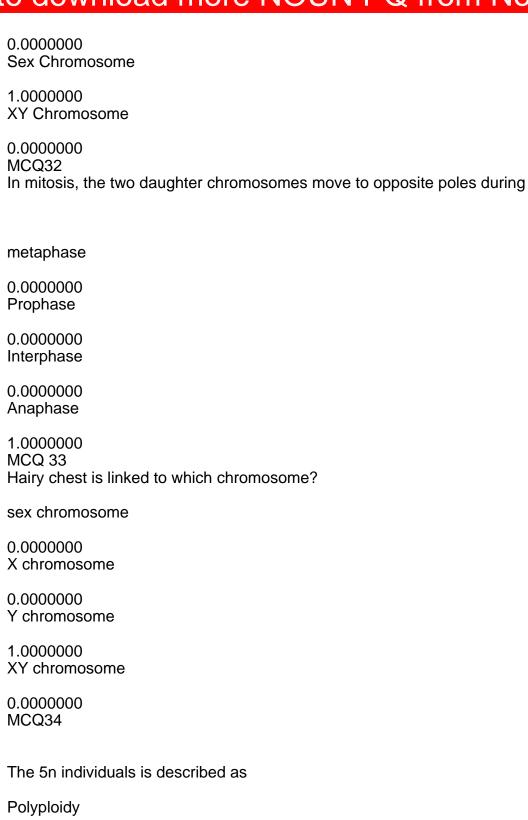
Y chromosome 0.0000000 XY chromosome 0.0000000 X-chromosome 1.0000000 All of the above 0.0000000 MCQ20 How many chromosomes are found in honey bee? 10 0.0000000 12 0.0000000 16 1.0000000 20 0.0000000 MCQ21 Traits linked to sex chromosome in man is Night blindness 0.0000000 Colour blindness 0.0000000 Hairy chest 0.0000000 All of the above 1.0000000 MCQ22 One of the two X chromosomes in the female is referred to as X body







X Chromosome



0.0000000 Tetraploid

