

Question 1

1 / 1 pts

During what phase of meiosis does crossing-over occur?

prophase II

prophase I

metaphase II

anaphase I

interphase

Question 2

1 / 1 pts

Which organelle is responsible for breaking down damaged or faulty proteins?

proteasomes

ribosomes

peroxisomes

golgi complex

Question 3

1 / 1 pts

In which stage of mitosis does the nuclear envelope disintegrate?

anaphase

telophase

prophase

metaphase

Question 4

1 / 1 pts

How many chromosomes are in human somatic cells?

23 (haploid)



23 (diploid)



46 (diploid)



46 (haploid)

Question 5

1 / 1 pts

Proteins are synthesized in the _____ and sorted, packaged, and transported by the _____.



golgi complex, ribosomes



golgi complex, rough ER



rough ER, golgi complex



~~smooth ER, golgi complex~~



ribosomes, rough ER

Question 6

1 / 1 pts

Which molecule helps stabilize and reinforce the plasma membrane?



glycolipids



~~phospholipids~~



cholesterol



~~proteins~~

Question 7

1 / 1 pts

Which type of membrane proteins can be found on either the outer or inner surfaces of the plasma membrane?



transmembrane proteins