

Download File PDF 113 Biology Study Guide Answers

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Answer Section 493

TESTED ANSWERS TO STRUCTURE YOUR KNOWLEDGE

1. a. Chromosome replication, sister chromatids attached at centromere
b. Synapsis of homologous pairs (tetrad), crossing over at chiasmata
c. Homologous pairs line up independently at metaphase plate
d. Homologous pairs of chromosomes separate and homologues move toward opposite poles, while chromatids remain attached
e. Haploid set of chromosomes, each consisting of two sister chromatids, aligns at metaphase plate; sister chromosomes not identical due to crossing over
f. Centromeres separate and nonsister chromatids move to opposite poles

2. **MITOSIS** (one generation of cell division) leads to both **growth** and **repair of DNA**. **MEIOSIS** (two generations of cell division) leads to **gametes with half the chromosome number**.
Mitosis involves DNA replication, chromosome condensation, spindle formation, and chromosome separation. Meiosis involves DNA replication, synapsis, crossing over, independent assortment, and two divisions.

ANSWERS TO TEST YOUR KNOWLEDGE

Multiple Choice
1. b 2. a 3. c 4. a 5. b 6. c 7. a 8. b 9. c 10. b 11. c 12. b 13. c 14. b 15. a
16. d 17. a 18. c 19. d 20. b
21. a 22. a 23. b 24. b 25. c 26. b

CHAPTER 14: MENDEL AND THE GENE IDEA

INTERACTIVE QUESTIONS

14.1 a. R b. P c. F Generation d. P Generation e. F Generation
14.2 a. all tall (Tt) plants b. 1:1 tall (Tt) to dwarf (tt)

[Download PDF version of : 113 Biology Study Guide Answers](#)