

Science 9 Reproduction Unit Test

I will choose 4 of the following 6 questions for you to write about. Answers must be in full sentences.

1. Both Mitosis and Meiosis are required for humans to reproduce and develop. Explain the role of each process in reproduction. Discuss why one process is not sufficient for human development. Include examples of types of cells that undergo each process. Your answer should include the terms haploid and diploid.
2. Choose an organism that reproduces asexually. Discuss the method in which it reproduces. Why is it considered asexual reproduction? How do the offspring compare to the parent?
3. If sexual reproduction involves finding a mate, exerting a substantial amount of time and energy, and only produces a few offspring, why do organisms sexually reproduce?
4. Compare the characteristics of asexual and sexual reproduction
5. Give two disadvantages and two advantages of asexual and sexual reproduction.
6. What molecule is responsible for an organisms characteristics? What is the structure? Where is it found? Why is it important that this molecule is duplicated during interphase of the cell cycle?



Rubric for Reproduction Test

Question	A	B	C	I
	Student shows complete understanding of topic. Correct Vocabulary used. All information is correct and relevant. Full sentences used	Student shows almost complete understanding of topic. Correct Vocabulary mostly used. Most information is correct or relevant. Full sentences used.	Student shows minimal understanding of topic. Incorrect Vocabulary used. Little information is correct or relevant. Full sentences used/Not used	Student shows no understanding of topic. Incorrect Vocabulary used. Most information is incorrect or not relevant. Answer may be hard to understand. Full sentences not used.
#1				
#2				
#3				
#4				