

Name _____

Cell Division Chronicles: The Tale of Mitosis, Meiosis, and Living Beings

Multiple Choice Questions

1. What is mitosis?
 - a) The process of sexual reproduction
 - b) The process of one cell splitting into two identical daughter cells
 - c) The process of creating genetic diversity
 - d) The process of generating sperm and egg cells

2. Where does mitosis occur in humans?
 - a) During the creation of sperm and egg cells
 - b) In the growth of a baby in the womb
 - c) In the healing of wounds
 - d) In the creation of genetic diversity

3. What is meiosis primarily responsible for?
 - a) Growth and tissue repair
 - b) Creating genetic diversity and reproductive cells
 - c) Regenerating lost body parts
 - d) Renewing skin cells

4. What is an example of an organism that primarily reproduces asexually and bypasses meiosis?
 - a) Humans
 - b) Dogs
 - c) Bacteria
 - d) Lizards

5. Why is meiosis important in the animal kingdom?
 - a) It creates identical offspring.
 - b) It ensures offspring inherit a diverse set of traits from both parents.
 - c) It primarily leads to asexual reproduction.
 - d) It is responsible for the growth of body parts.

