

CHECK YOUR LEARNING

1. What is the meaning of the term “cellular differentiation”? [K/U](#)
2. What is the difference between tissue stem cells and embryonic stem cells? [K/U](#)
3. Why are stem cells from a newborn baby’s umbilical cord blood considered to be tissue stem cells? [K/U](#)
4. What is the significance of being able to harvest stem cells that can specialize into any type of cell? [K/U](#)
5. Briefly describe the process of a bone marrow transplant to treat leukemia. [K/U](#)
6. How is regeneration beneficial to an animal? [K/U](#)
7. Can all animals regenerate? Explain. [K/U](#)