

Sample MC Item

While playing basketball, Alex scraped his knee. After about a week, his knee had healed. Which basic life process enables multicellular organisms to make more cells, which repair damaged organs?

- A. circulation
- B. meiosis
- *C. mitosis
- D. respiration

FCAT SCIENCE

PLANNING CARDS Grade 8

BENCHMARK SC.F.1.3.3.

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| Item Type(s) | MC |
| Benchmark Clarification | The student identifies cell growth and division in multicellular organisms as the mechanisms by which organs and tissues are formed and repaired. |
| Content Limits | Items may refer to meiosis and mitosis but NOT to the phases of each. Items may refer to multicellular organisms, organs, and tissues. |
| Stimulus Attributes | Items may use diagrams or pictures to illustrate cell division. |
| Response Attributes | None specified. |