

22 Which statements are correct for the mitotic cell cycle?

- 1 DNA is replicated semi-conservatively during mitosis.
- 2 DNA is never changed from one generation of cells to the next generation.
- 3 The daughter cells at the end of a mitotic cell division have the potential to produce the same enzymes as the parent cell.
- 4 The same quantity of DNA is distributed to the nuclei of two new cells at the end of a mitotic cell division.

A 1 and 2

B 1 and 4

C 2 and 3

D 3 and 4