

## QUESTION 25 (10%)

Which of the following is NOT a function of the cell cycle?

The diagram illustrates the cell cycle. A cell is shown dividing into two daughter cells. The cell cycle is represented by a circular arrow with 'G1', 'S', and 'G2' phases. A vertical arrow on the right indicates the progression of time. A graph in the top right shows the relative number of chromosomes over time, with a peak during the S phase. A table in the bottom right lists the phases and their characteristics.

Phase	Characteristics
G1	Cell growth and preparation for DNA replication
S	DNA replication (S phase)
G2	Cell growth and preparation for mitosis
M	Mitosis (cell division)