G D B

BIO-301 Essentials of Genetics



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Words Limit: 4 lines

Solution:

- To grow in size an organism is dependent on mitosis as mitosis increase the count of somatic cells in which mitosis ensures the same copies of genetic material as in parent cell and makes two copies of each cells and this process continues and number of cells increase that causes growth and increase in size of an organism. From an embryo to an adult organism is achieved by the division of somatic cells by mitosis.
- Mitosis repaired the damaged tissue because when a tissue is damaged, it means it loses its some cells as these are somatic and neighboring cells fastly undergoes the process of mitosis to produce same copies of cells that fulfil the gap and tissue is repaired. For example when we get cut on our skin and it is healed again as it is due to process of mitosis.

Regards:

BIO-301 Expert Zoologists

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