



Assignment

ABHYAS Academy,

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e-Mail: anusethi1968@yahoo.com

www.abhyasonline.in

Date: __ / __ / __

Name: _____

Max Marks: 28

Section- A (One Marks Each)

- 1 New plants are grown by removing tissue from the growing tip is known as _____.
- 2 What is the organ of reproduction in 'Rhizopus'?
- 3 Colonies of yeast fail to multiply in water but multiply in sugar solution. Give reason?

Section-B (Two Marks Each)

- 4 Define the terms: Cutting and Grafting.
- 5 Why is copying of DNA an essential process in cell division?
- 6 Why does bread mould grow profusely on a moist slice of bread rather than on a dry slice of bread?
- 7 Mention two features of asexual reproduction.

Section-C (Three Marks Each)

- 8 Leaves of Brophyllum that fall on the ground produce new plants where as the leaves of rose do not. Why
- 9 How organisms are able to create their exact copies during reproduction?
- 10 Differentiate between binary and multiple fission with diagram.

Section-D (Four Marks Each)

- 11 Explain the process of "Tissue Culture" in detail.
- 12 Why are budding and fragmentation considered as modes of asexual reproduction? Elaborate with the help of diagram of both.



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