

BDY636 GERMPLASM AND PLANT TISSUE CULTURE

MULTIPLE CHOICE. Choose one answer that best completes statement or answers the question. Click "check my answers" and then refer to marks given on the top left of worksheet

QUESTION 1

Who is known as "the Father of Tissue Culture"?

QUESTION 2

How does plant tissue culture work?

QUESTION 3

Totipotency refers to

QUESTION 4

What exactly is an explant?

QUESTION 5

What is callus?

QUESTION 6

Agar is a gelling substance used in plant tissue culture media. Which of the following is INCORRECT?

1. No plant enzymes can break it down.
2. It is not used in micropropagation activities.
3. It has no impact on media stakeholders.
4. Retain its stability at incubation temperature

QUESTION 7

In-plant tissue culture, the callus tissues are generated into a complete plantlet by altering the concentration of

QUESTION 8

In the tissue culture system, which of the following is the primary impact of cytokines?

QUESTION 9

Which of the following plant cells shows totipotency?

QUESTION 10

In tissue culture of parenchyma, mitosis is accelerated in the presence of