

Virtual University of Pakistan

BT403 Agricultural Biotechnology

Final terms Past Papers

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2018

Bt403

Mcqs pta ni kha se the

Long was same

Short

Principle of electroporation, Two source of tolerance of herbicides, Treatments for skin pesticides

Paper of bif 731 at 11am dated 7/9/2018

36 mcqs total theory may sy past may sy nai 2 marks

k 3 question :what is association rule mining?

What is phases of cell cycle?

Steps of corpus design, marks k 3 question: what is biomass,python, biopearl n

Beirut?how to identify a damaged dead body?what are types of information required by users b what are the method of information retrieval? marks k 2 question: what is

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bumpy, matplotlib and python itself and what are its sequence objects? what is data classification techniques and how biological documents can be classified

Bt403 Final term paper 2018

1-Gene splicing

2-Multipartite viruses

3-Competent cells

4-Lettuce why used instead of tobacco for human growing plants? 5- how Gm adds more nutrition value to plants? 6-tissue culture types (long) 7- pesticide poisoning types? 8- Meristem culture principles? 9- losses of plants due to diseases? 10- gibberliene advantages

2017

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What is synthetic seed.

How gm can be used in medicine.

What is biofertilizer

Advantages of biofertilizer

What is agrobacterium transformation

Advantages of agrobacterium mediated transformation How plant defend against pathogens.

Skoog wla b tha ek 5 marks ka

Ethics long. Food med. Envi

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Write down the mineral which are added in basal media? 2 marks

What does stress with reference of plants? 2

Write down the type of biopesticides? 3

What are the method by which plants become stress tolerant? 3

How doed stock solution are prepared for tissue culture media? 3

What are molecular markers? 5

What is high lysine corn 🌽? 5

What are ethical aspects of agricultural biotechnology with respect of food medicine and environment? 10

What are the advantages of agrobacterium mediated transformation? 3

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Importance of hairy roots

PR proteins

Parasitoids

Molecular Markers

Difference between modified organisms and selective breeding.

Which element is essential for growth in tissue culture.

Cell suspension culture. 5marks

Productivity losses due to stress. 5marks

Ethical aspects of agricultural biotechnology in food, medicine and environment. 10 marks

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Artificial Seed

Types of Invitro cell culture

Types of biopesticides

Principal of Anthur culture experiment

Differ b/w gm and selective breeding

Agrobacterium mediated transfusion

Technological and environmental constrains of biofertilizers Ethical aspects of agriculture biotech.....

