

School of Agriculture

Bachelor of Science Honours in Agriculture
Semester End Examination - Jun 2024

Duration : 180 Minutes
Max Marks : 100

Sem VI - A1UA610B - Bio Pesticides and Biofertilizers

General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

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| 1) | Find the advantages of biopesticides over chemical pesticides. | K1(2) |
| 2) | Explain the any two entomopathogenic bacteria and discuss their uses. | K2(4) |
| 3) | Illustrate the mass production of Trichoderma. | K2(6) |
| 4) | Construct the mechanisms of potassium solubilizing microorganisms. | K3(9) |
| 5) | Construct the process of biofertilizer-Storage to increase shelf life. | K3(9) |
| 6) | Interpret the working of rhizobia as symbionts. | K5(10) |
| 7) | Examine the specifications of rhizobium biofertilizers as specified in FCO. | K4(12) |
| 8) | Decribe importance of biofertilizers, including variation in effects and conclude the types of quality control of biofertilizers. | K5(15) |
| 9) | Conclude the symbiotic and asymbiotic N ₂ -fixation in plants. | K5(15) |
| 10) | Elaborate the production technology of carrier based biofertilizers. | K6(18) |