

School of Agriculture

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

Duration : 180 Minutes
Max Marks : 100

Sem V - A1UA508B/AGRI3007 - Geo-Informatics and Nanotechnology

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) | Compare between GIS and GPS. | K1(2) |
| 2) | Contrast the applications of nanotechnology in nano-fertilizers and nano-sensors. | K2(4) |
| 3) | Summarises the importance of Precision agriculture in india | K2(6) |
| 4) | Solve the problem of conventional agriculture practices by using precision agriculture technologies. | K3(9) |
| 5) | Solve the issues that solved by using crop simulation models. | K3(9) |
| 6) | Fertilizer Recommend using geospatial technologies | K5(10) |
| 7) | Relationship between GIS, GPS and remote sensing | K4(12) |
| 8) | Conclude give brief information about concept of Geo-informatics and its relevance to agricultural applications. | K5(15) |
| 9) | Give justification of why precision agriculture is not widely adopted in India. | K5(15) |
| 10) | Elaborate good plan that attrat farmers for adopting precisio agriculture technology | K6(18) |