

2025

M.Sc. in Agriculture
1st Semester Examination

AGRONOMY

Paper : AGRON-504

[Principles and Practices of Water Management]
(Practical)

Full Marks : 30

Time : Three Hours

The figures in the margin indicate full marks.

Answer the following questions.

1. Calculate the irrigation requirement (IR) from the following data : 5

Depth of soil (cm)	Field capacity (%)	PWP (%)	Bulk density (Mg m ³)
0-15	28	18	1.30
15-30	25	16	1.40
30-45	22	15	1.45
45-60	20	14	1.50

P.T.O.

(2)

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| 2. Preparation of soil moisture characteristic curve from
different soil samples. | 10 |
| 3. Laboratory Notebook | 5 |
| 4. Viva-voce | 10 |
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