

Annexure - I

Paper - I - 100 marks- 100 questions (01 mark each)

(Time duration - 02 hours)

Unit - I

<u>Sl. No.</u>	<u>Topics</u>	<u>No. of questions</u>	<u>Marks allotted</u>
1	Agronomy	12	} 35
2	Farming System & Sustainable agriculture	05	
3.	Principles of organic farming	06	
4.	Crop production technology	12	

Unit - II

<u>Sl. No.</u>	<u>Topics</u>	<u>No. of questions</u>	<u>Marks allotted</u>
1	Production technology of Horticultural crops (Fruit crops)	07	} 20
2	Production technology of Horticultural crops (Vegetable crops)	08	
3	Production technology of Horticultural crops (Floriculture crops)	05	

Unit - III - Plant Pathology & Microbiology (Disease)

<u>Sl. No.</u>	<u>Topics</u>	<u>No. of questions</u>	<u>Marks allotted</u>
1.	Field crops	06	} 30
2.	Horticultural crops	04	
3.	Entomology	14	
4.	Nematode pests of horticultural crops and their managements	06	

Unit - IV

<u>Sl. No.</u>	<u>Topics</u>	<u>No. of questions</u>	<u>Marks allotted</u>
1	Agriculture & Sericulture	03	} 15
2	Agro-meteorology & Climate change	07	
3.	Forestry	05	

Total

100 marks

(Contd....)

Paper – II – 100 marks- 100 questions (01 mark each) (Time duration – 02 hours)

Unit – I

<u>Sl. No.</u>	<u>Topics</u>	<u>No. of questions</u>	<u>Marks allotted</u>
1	Geoinformatics and Nano-techonology	05	} 35
2	Fundamentals of soil science	10	
3.	Soil fertility and nutrient management	10	
4.	Problematic soils and their management	10	

Unit – II

<u>Sl. No.</u>	<u>Topics</u>	<u>No. of questions</u>	<u>Marks allotted</u>
1.	Principles of seed technology	07	} 25
2	Genetics and plant breeding	11	
3.	Introductory crop physiology	07	

Unit – III

<u>Sl. No.</u>	<u>Topics</u>	<u>No. of questions</u>	<u>Marks allotted</u>
1.	Fundamentals of agricultural extension education	08	} 30
2.	Agricultural Economics	06	
3.	Fundamentals of Statistical methods	05	
4.	Agri-business management	05	
5.	Agricultural marketing, trade prices	06	

Unit – IV

<u>Sl. No.</u>	<u>Topics</u>	<u>No. of questions</u>	<u>Marks allotted</u>
1.	Agriculture heritage	04	} 10
2	Farmer empowerment schemes	06	

Total

100 marks

N.B. - There shall be **negative marking** for wrong answers with a deduction of 0.25 marks for every wrong answer.