

2019

Major 3rd Semester Examination

AGRO-SERVICE

Paper - C 5-T

(Crop health problems and diagnosis of Cereals,  
Pulses and oil seeds)

Full Marks : 40

Time : 2 Hours

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers  
in their own words as far as practicable.*

*Answer all questions.*

1. Answer any five questions : 5×2=10
- (a) What do you mean by insects ? 2
- (b) Differentiate insects and pests. 2
- (c) Write down symptoms of rice stem infestation  
by borer. 2
- (d) What do you mean by non-insects ? 2

(e) What do you mean by nematodes ? 2

(f) Write down the symptoms of rust in wheat crops.  
2

(g) Write down symptoms of leaf blight of mustard.

(h) Write symptoms of Tikka diseases of groundnut.  
2

2. Answer *any two* questions :  $2 \times 5 = 10$

(a) What do you mean by rodents ? Discuss in brief the damages caused by rodents in crops. 2+3

(b) Write down the symptoms of the damages caused by rice hispa and the control measures of rice hispa. 2+3

(c) Write down the causal organism of seedling blight of wheat and discuss in brief the symptoms and the control measures of seedling blight of wheat. 1+2+2

3. Answer *any two* questions :  $10 \times 2 = 20$

(a) Discuss in detail the symptoms of the damage

caused by rice stem borer and its control measures. 5+5

- (b) Enumerate symptoms and control measures of aphids and hairy caterpillar in oil seeds. 5+5
- (c) Discuss in detail the symptoms and the control measures of mosaic, powdery mildew and blight in pulses. 5+5
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