

THE OPEN UNIVERSITY OF SRI LANKA
B.Sc. DEGREE PROGRAMME - BOTANY - LEVEL 05
BTU 3110 – PLANT PATHOLOGY II
ASSESSMENT TEST – I
OPEN BOOK TEST
DURATION : ONE (01) HOUR



DATE : 19th February 2009

TIME: 4.00p.m.-5.00p.m.

Registration No.....

ANSWER ALL QUESTIONS IN THE SPACE PROVIDED.

PART II

2. Write short accounts on the following.
a) Soil fungistasis

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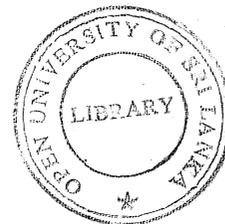
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b) Host factors involved on vascular wilt syndrome.

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c) Effect of temperature on the development of rust disease on wheat.

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(8 x 3 marks)

3. a) What are the three (03) main groups of chemical substances secreted by pathogens to overcome host attack?

1.

2.

3.

b) Explain how each of these groups affect host plant tissue.

1.
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2.
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3.
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c) Which one of these groups play a key role in the development of the following diseases?

i) Soft rot on carrot.

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ii) Club root on crucifers.

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iii) *Corynespora* leaf disease on rubber.

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(26 marks)

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