

The Open University of Sri Lanka
B.Sc./B.Ed Degree Programme-Level 05-2009/2010
BTU 3105/BTE 5105 – Soils and Plant Growth
Assessment Test II(No Book Test)



Duration – One (01) hour

Reg.No.

Date: 2nd April 2009



Time: 11.00a.m. – 12.00 noon

Answer all questions on this paper itself.

There are four (04) questions and five (06) pages in this question paper.

01. a.. Fill in the table below with respect to the major characteristics of soil microorganisms.

Group	Cellular Organisation	Major cell wall component	Method of reproduction	Nutrition
Bacteria				
Cyanobacteria				
Fungi				

- b. Explain briefly how soil fungi resist unfavourable environmental conditions.

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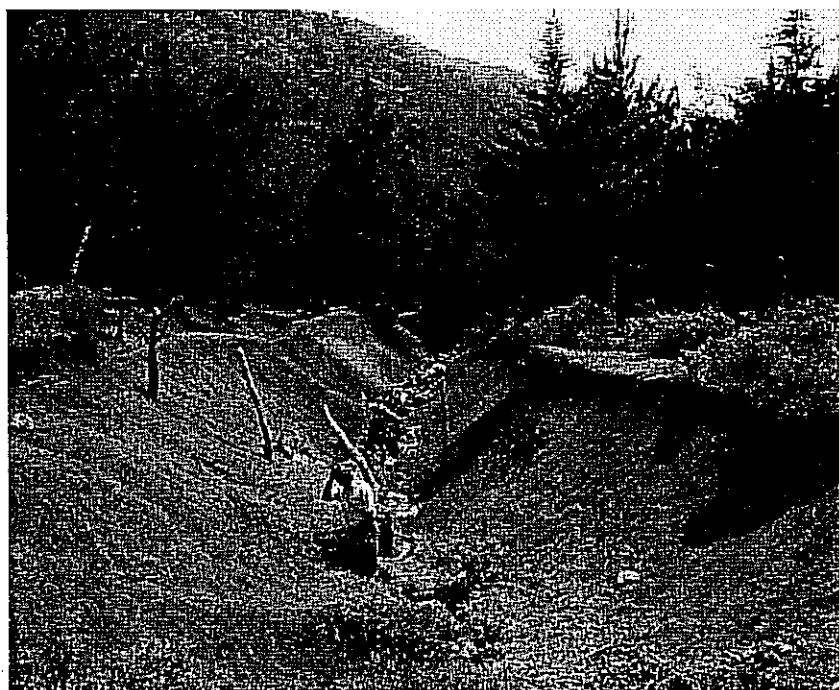
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3. What kind of measures would you suggest to improve the soil given in the diagram below which was subjected to erosion?



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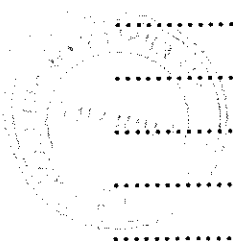
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b. What are the effects of soil acidity on plants?

c. Explain briefly how you improve/manage acidic soils.



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