

BOWEN UNIVERSITY, IWO
DEPARTMENT OF BIOLOGICAL SCIENCES

2010/2011 FIRST SEMESTER EXAMINATION
MCB 407: SOIL MICROBIOLOGY
PRACTICAL EXAMINATION

Answer all questions

Time: 1½ hour

Answers should be well illustrated, where necessary

1. Discuss in detail the steps you would employ to carry out the following studies using an agricultural farm soil:
 - (a) Obtaining representative soil samples
 - (b) Measuring soil pH
 - (c) Estimating soil moisture content
 - (d) Estimating organic matter content of the soil

(25 Marks)