

RISHIKUL SANATAN COLLEGE
YEAR 9 WORKSHEET 4- SOIL
AGRICULTURE SCIENCE

(a) Describe **one benefit** of adding organic matter to the soil. **(2 marks)**

(b) Explain the relationship between air and micro-organisms in the soil. **(2 marks)**

(c) Explain **one** reason why smaller seeds are raised in seedbeds. **(2 marks)**

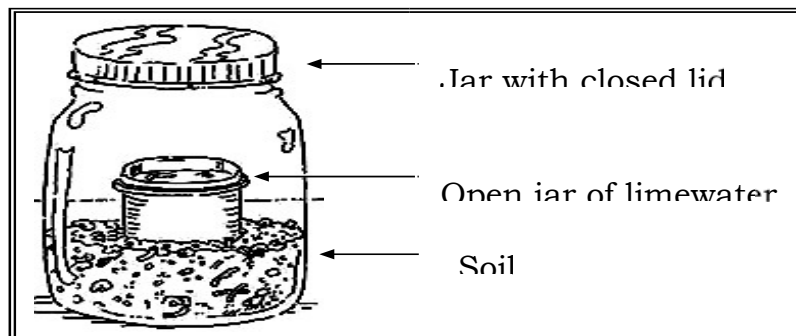
(d) Given below are the instructions for an experiment which students conducted during an Agricultural Science class.

1. Place a glass jar over a metal dish of soil.
2. Heat the dish of soil.
3. Observe the contents of the jar.

Source: Agricultural Science for Year 9

Explain what the students **observed** after the experiment. **(2 marks)**

(e) The diagram below illustrates an experiment set up by a student to test if a soil contained soil organisms.



Source: <http://www.howstuffworks.com>

Explain **one** reason why the jar of **limewater** was left open. **(2 marks)**