1.

a) Name **one** material that can be used for the part labelled **C**.

- *Caton*
- *Basin*
- *Cut jerrican*
- *Tray*

(1 x 1 = 1 mark)

b) What should the learners do to demonstrate soil erosion using the set up?

- *Use a bottle with tiny holes to pour water upper part of the tilted set up*

(1 x 1 = 1 mark)

c) Name **two** types of soil erosion that can be demonstrated by the learners using the set up.

- *Rill*
- *Sheet*
- *Splash*

(2 x 1 = 2 marks)

d) Give **two** reasons why the grass was included in the set up.

- *To trap soil*
- *Reduce the speed of run off/water*

(2 x 1 = 2 marks)

2.

a) Identify the type of seedbed prepared by the learners.

- *Shallow pit*

(1 mark)

(b) Why did the learners use the type of seedbed shown in the picture to plant maize?

- *To trap surface runoffs*
- *Conserve water*

(2 x 1 = 2 marks)

(c) Instead of using the seedbed shown in the picture, give **two** other ways in which the learners could have planted the maize to conserve water.

- *Use of sunken beds*
- *Use of moisture beds*
- *Mulching*

(2 x 1 = 2 marks)