- \_ Pour a mixture of water/cement on the mortar/floor OR pour a mixture of water/ lime on the plaster on the wall.
- Place the float on the floor/wall.
- Smoothen the cement/lime by pressing the float hard. (03 marks)(01 mark)

b) A/C – Used to determine horizontal/vertical straightness of a building.

B/C – Used top smoothen the floor walls of a building.

d) Washing with clean water.

# 2.

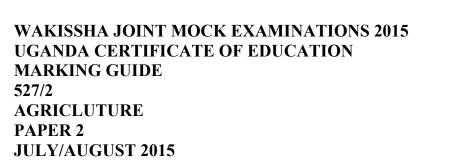
1.

a) A and C

c) A

B and D

a) - Tunnels in the tuber. - Tuber changes colour after cutting/ becomes greenish. - Powderly material/flour in the tunnels. - Larvae/ adult weevil in the tunnels. - Has a bad smell. Award any 3points  $3 \times 1 = (03 \text{ marks})$ b) Sweet potato weevil (01 mark)c) Bores into the tuber and eat the content. (01 mark)d) Burning crop remains after harvesting/field sanitation. Crop rotation. Timely harvesting. -Earthing up of potato tubers. Dip vines in chemical before planting. (03 marks)





 $^{1}/_{2}$ mark  $^{1}/_{2}$ mark

(01 mark)

(03 marks)

(01 mark)

e)

- Lower the quality/taste of the product.
- Lower the quality/yield of the crop.

1x2=(02 marks)

#### 3.

- a) Hand spraying animals to control external parasites.
  - Pest control by spraying in crops.
  - Spraying to control weeds.
  - Fumigating animal houses.
  - Applying fertilizers through foliar application.
  - -
  - -

b)

- Mixture of chemical & water is put in F/ tank.
- F is put on the back of the farmer.
- Handle is pressed down/ force is applied on the handle down.
- Trigger is pressed.
- Chemistry comes out in form of mist through the nozzle.
- Chemical directed to the targeted crop/animal/ building
- -
- -
- -

Award 5points for 1 mark @ 5X1 = 05 marks

## c)

- Blockage of nozzles.
- Leaking hose / loose connection of hoses.
- Faulty pump/ low pressure.
- Worn out values.
- -
- -
- -

## (2x1 = 02marks)

#### 4.

- a) G Wide spark gap.
  - H Dirty /coated terminals covered with oxides.
  - I Lack pressure and oil rings.
- b) G Ignition of fuel air mixture does not occur/No production of a spark. H – Power will not be transferred to the spark/Engine will not start. I – Loss of power.

c)

- G Narrowing the spark gap.
- H Cleaning the terminal using a wire brush.
- -Coating the terminal with grease.
- I Fixing of oil and pressure rings.
- d) Filter gange.

### 5.

J - Many small tufted light seeds/seeds which are feathery

- K Many small seeds with hooks.
- l- Has many small bulbils.

M- Adventition roots/auxiliary bud at the node which can sprout into a new plant.

a) J-seeds

K-Seeds

- L-Bulbils
- M-Small part of the stem/ vegetation part.

Award  $^{1}/_{2}mark@ ^{1/_{2}} X 4 = 02marks$ 

### b)

- Seeds with hooks get attached on animals fur /cloth for the farmer.
- Seeds removed as a result of rubbing on the object drop to the ground and germinate/ or farmer removes the seeds from his cloth and drop them to the ground.

1 mark for hooks.
1 mark for the action.

- c)
  - Herbicide is sprayed on to the leaves.
  - Herbicide is then trans located into the plant tissues.

(02 marks)

## END