

INTEGRATED SCIENCE

SUBJECT 5006

PAPER 3

GENERAL COMMENTS

Generally, performance was satisfactory.

QUESTION 1 (a)

This was well done except for weaker candidates who were giving wrong responses like sunlight, humidity, warm temperature and 25° to 30°.

QUESTION 1 (b)

- (i) This was easily identified by most candidates.
- (ii) Candidates lacked the correct term to describe how the drying works, common wrong responses were: it removes water, dries water, and sucks water or moisture.
- (iii) Well done.

QUESTION 1 (c)

- (i) Fairly done, most candidates referred to the germination of the beakers instead of germination of seeds.
- (ii) Generally well done but weaker candidates were just giving reference to moisture for both beakers A and B, instead of giving reference to presence of all conditions necessary for germination to take place in beaker B.

QUESTION 2 (a)

- (i) Well done though there was no element of comparison by some candidates.
- (ii) Poorly done, which was a reflection of lack of exposure to practicals.
- (iii) Poorly done, most candidates failed to compare and others were referring to dissolving instead of reacting.
- (iv) Fairly done because they failed to give the correct products, they only managed to give hydrogen as a response. Weaker candidates were writing an equation.
- (v) Poorly done which was a reflection of lack of exposure to practicals.

QUESTION 2 (b)

- (i) Well done though weaker candidates mentioned gold and silver which are not common metals.
- (ii) Poorly done, most candidates were referring to the reactivity series in general instead of reference to hydrogen.

QUESTION 3 (a)

- (i) Well done.
- (ii) Poorly done by most candidates, a common wrong response was to control current instead of to vary current.
- (iii) Poorly done, most common responses battery cells, cells, etc.

QUESTION (b)

- (i) Well done.
- (ii) Most candidates were able to calculate resistance.
- (iii) Fairly well done, weaker candidates were not able to give a continuous scale thereby losing a mark for plotting and scale.

QUESTION 4 (a)

- (i) Most candidates were able to identify the stage (larva). Weaker candidates lost marks because of the wrong spelling, e.g. lover, lava, also failed to identify where found.
- (ii) Poorly done, most candidates named the parts instead of describing the features.

QUESTION 4 (b)

- (i) Well done.
- (ii) Poorly done, most candidates failed to measure the actual size and went on to give the magnification with units.

QUESTION 4 (c)

Poorly done, reference was given to control of the adult mosquito rather than the larva.