

### Question 9

Briefly describe the hot and cold steeping method of preservative application to timber.  
(3 marks)

The candidates were required to give a description of the hot and cold steeping method of preservation application to timber.

### Weaknesses

Most candidates gave irrelevant answers, an indication that they did not understand what the question demanded. As stated above in question 6, candidates should pay attention to all the details of a question if irrelevant answers are to be avoided.

Other candidates showed a total lack of knowledge on what the question demanded as they thought that there are two methods of timber preservations, hot and cold. In questions where description are required, candidates should think about the steps required in the description and present them in a logical order.

### Expected Response

- Timber is dipped in a bath of cold preservative.
- The preservative is heated.
- Air in the pores of the timber fibres expands.
- The preservative is allowed to cool.
- The pores contract on preservative cooling.
- The contracted pores suck in preservative.

**NB:** Note the logical order of the steps.

### Question 11

Figure 4 shows an isometric view of a component. To a scale of 1:10, draw in first angle projection the three views of the component.  
(15 marks)