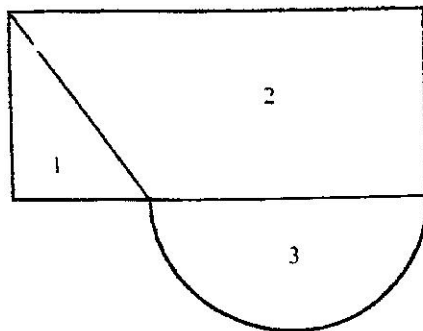
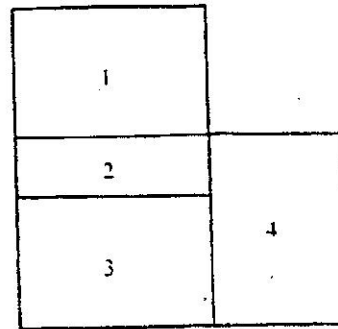
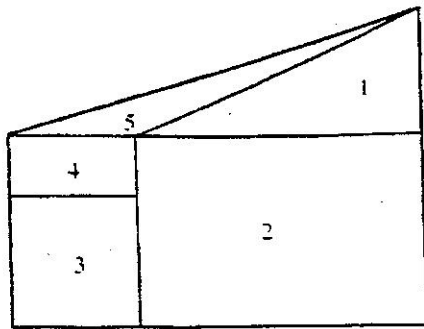


Expected Responses



Question 13

- (a) Sketch a vertical cross-section of a door opening bridged with a reinforced concrete lintel and having a fixed timber frame. (9 marks)
- (b) Differentiate between a rough arch and a gauged arch. (6 marks)

The question required the candidates to:

- Sketch a vertical cross section of a door opening bridged with a reinforced concrete lintel and having fixed timber frame.
- They were also required to differentiate between a rough arch and a gauged arch.

Weaknesses

- Some candidates confused the vertical cross section with longitudinal section hence gave the wrong one.
- Many did not know the convention used for reinforced concrete.
- Others did not show the timber frame.
- The majority could not differentiate between gauged and rough arches.