

BUILDING STUDIES

SUBJECT 7035

PAPER 01

REPORT

SECTION A

1. Most candidates scored some marks on part (a) of the question but failed part (b). Most teachers appear not to teach concepts of arches effectively.
2. Part (a) was poorly done as most candidates gave precautions observed when working with scaffolding instead of a ladder. Part (b) was fairly done.
3. Both part (a) and (b) were fairly done though some could not express themselves clearly.
4. Most candidates failed to give the differences between pointing and jointing. On part (b) candidates were defining the terms instead of stating the remedies.
5. Part (a) was fairly done but on part (b) most candidates were drawing either isometric or elevations of the profile.
6. Both part (a) and (b) were well answered by most candidates.
7. The question was poorly done, however the few who managed to draw the correct diagram failed to address to the concept of cross section.
8. Very few candidates managed to draw the logo correctly. Part (b) was fairly done.
9. The bonding in English bond was done by most candidates. There is need for teachers to enforce that the broken bond be as close as possible to the centre of the wall.
10. Part (a) was poorly done especially part (ii) on yield. Very few candidates got the full marks on this part. Part (b) was satisfactorily done.

SECTION B

11. It was a popular and well answered question. Teachers should emphasise on the concept of change of direction change of bond.
12. Not a popular question. The few who attempted the question did poorly. Most candidates confused a cold water storage astern with a toilet flush astern. On part (b) most candidates were drawing isometric views instead of a cross

section. They also lost marks as they failed to show the correct hatching of the concrete.

13. A popular question which was fairly done. Teachers are encouraged to dwell on the correct sequence of carrying out the slump test. They should insist on the use of the correct tools. Most candidates referred to a slump cone as a bucket.
14. A popular question which was fairly done on part (c) of the question. On part (a) candidates confused the capillary test with the absorbency test.

SECTION C

15. A very popular question which was fairly done. Most candidates however associated the elevation with a verandar as the front elevation. Most teachers need to emphasise the correct concept of First Angle Projection. Most drawings did not have the floor level. They also confused the east with the west elevation. Part (b) of the question was well answered.
16. Not a popular question and most candidates who attempted it scored very low marks. Most candidates multiplied the width of the wall with the wall thickness instead of the wall height. Most candidates however knew the concept of multiplying the area of the wall with the number of bricks per square metre. Part (b) was well answered although some candidates did not indicate the wall thickness.

GENERAL COMMENTS

1. There was repetition of the same concepts in different questions.
 - e.g. (i) Question 5(a) was repeated on question 13(a). Same concept of circular building.
 - (ii) Question 7 of a parapet wall was repeated from question 3(b) of a coping.
 - (iii) Question 9 and 11 required candidates to know the same concept of English Bond.