

MMCC Survey Paper feedback – October 2011

Of the 43 candidates only 11 % achieved 30% and higher of which 2 actually passed. In general the candidates did not prepared for the examination with 51% achieving less than 10%. From the provinces Gauteng (Braamfontein), North West (Rustenburg) and Mpumalanga (Witbank) did the best. The two passes came from Witbank and Braamfontein.

Question 1

This question was a boxhole question with only distances and a required dip supplied. The candidates had to assume an elevation of the peg to complete the question. Question 1 was attempted by most of the candidates with 56% candidates achieving zero but highest % passes for individual questions (13 had more than 50% for the question). The lowest marks were 0 and the high 10. Full marks = 10.

Question 2

This question was a levelling question with cut and fill calculation and the gradient. Additionally it was requested of the candidates to plot a profile of their findings. This question was attempted by most of the candidates. Of all the questions this was the easiest with only number crunching but with a disappointing 9 candidates achieving more than 50 % for this question. The lowest mark was 0 and highest 15. Full marks = 15.

Question 3

This question was a surface boundary question with limited information where the candidates had to calc two directions from the given information. A lot of candidates attempted this question but only 1 achieving full marks for this question. The candidates had to construct a couple off parallel lines extend line PQ and AB to resolve the problem. The only candidate that had full marks for this question actually passed the paper. Only 5% (2) off candidates achieved more than 50% for this question. The lowest marks were 0 and highest was 25. Full marks = 25.

Question 4

This question was a curve question that required the candidate to calc the direction of a spur and the radius of the curve. There were no trick to this question other than for the candidates to understand the angles and relations within a circle. Of all the questions this was the worst answered and the least amount off candidates attempted this question. 9% off candidates achieved more than 50%. The lowest marks were 0 and highest was 20. Full marks = 20.

Question 5

This question was a 3 pointer resection. The only trick to this question was that point Q was not on circumference of the circle and this is where most of the candidates made the mistake. They had to extend the line through OQ to the circumference of the constructed circle to resolve the problem. Only 7% of the candidates had more than 50% for this question. The lowest marks were 0 and highest was 30. Full marks = 30.