

DAYS TAKEN FOR WORK

Pearson Edexcel - Tuesday 11 June 2019 - Paper 3 (Calculator) Higher Tier

1.

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|---|----|----|--|--|
| 9 | 10 | P1 | for a process to start to solve the problem eg $6 \times 9 (= 54)$ machine days needed or 12 (machine days used in first 3 days) or 42 (machine days needed after first 3 days) or 6 (machine days not used in first 3 days) or $3 + 4 + 5$ equivalent to 2 days with 6 machines or has used 48 machine days in first 9 days | eg $3 + 4 + 5 (= 12)$ eg $6 \times 9 - 12 (= 42)$ eg $3 + 2 + 1 = 6$ eg $12 \div 6 = 2$ |
| | | P1 | for " $42 \div 6 (= 7)$ (more days needed) or 3 days - 2 (equivalent) days (= 1) extra day needed to make up for the days not used | |
| | | A1 | cao | |

OCR GSCE – Sample Papers – Paper 5 (Non - Calculator) Higher Tier

2.

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|---|-----|--|---------------------------|---|--|
| 2 | (a) | 800 | 2 1 A01.3b 1 A03.1c | M1 for unitary work, e.g. 1 person does 200 letters in 2 hours | |
| | (b) | 30 minutes oe | 4 2 A02.1a 2 A03.1d | M1 for 1 person does 100 letters in 1 hour M1 for 5 people do 1000 letters in 2 hours M1 for 4 people do 1000 letters in 2.5 hours FT from <i>their</i> rate in (a) throughout | |
| | (c) | Correct comment on the reasonableness of her assumption e.g. 'She has assumed that 'all day' means 'for 24 hours', but it is not reasonable for them to work without a break.' Correct comment on the effect it will have on the answer e.g. 'They can't work at that rate for that long, so her answer is an over-estimate.' | 2 1 A03.4a 1 A03.5 | B1 for each | |