|  |  |
| --- | --- |
| Question | Main points of expected responses |
|   |  | •1  •2  •3    •4 |
|   | Recurrence relation first term Second termEnd of first monthEnd of six monthLimitConclusion | •1 •2•3 • 4•5 •6 |
| 3 3  | Evidence of Sim. EquationsSolve for Solve for Finding  | •1 •2 •3 •4 •5  |
|   | Finding Finding Equating functionsRearrangingFactorisingSolution | •1 •2 •3 •4 •5 •6  |
| 5 | RearrangingUndoing **cos**Further partial solutionFirst two solutions for Further two solutions | •1 •2 •3 •4 •5  |

**Total 26 marks**