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| **QUANTITATIVE SCIENCES DEPARTMENT** | |  |
| **Course:** A1MAA | |
| **Topic Title**: Skills Test 3 | |
| Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_2015 | | |
| Special Instructions: No Calculators | Time Allowed: 20 mins | | |
|  | Marks: / 14 | | |

1. Find the following:

a) [18÷(4÷2)]-1 d) (32 ÷ 4) ÷ 2 g) [36 ÷ 9 ÷ 2]3 – 3

1. 22-4+1 e) (22 + 1) ÷ (10 – 5) h) 5(6 + 3 - 4 x 2)
2. 20 – (16÷ 4) f) 5 x (2+3) ÷ 1 i) (28 ÷ 4)2 ÷ 7 - 8

*(9 Marks)*

2. a) Find *y* if  and *x = 1*

*(1 Mark)*

b) Find *A* if  where *a=7* and *b=25*.

*(2 Marks)*

c) Find *S* if  where *u*=5, *t*=7 and *a* = 2

*(2 Marks)*