GATITU DAY MIXED SEC SCHOOL

MATHEMATICS FORM 2 CAT 2

TERM 2 2012 MIDTERM EXAM

1. Work out (4mks)

a) 1305 (670 -235) + 6 780 13

b) 1444 + (16 180) 90

2. Solve for X

a) 642x 16x =1024 (3mks)

128x  42x

b) 2 3 x = 162 (2mks)

3. Use logarithm tables to solve (6mks)

a) 415.2 0.0761

135

b) 69.6 cos 42

sin 64

4. Find the values of the following without using tables

a) cos 45 (2mks)

b) sin 60 (2mks)

c) cos 30 (2mks)

d) tan 60 sin 45 cos 45 (3mks)

tan 30 sin 60

5. Find the area of the triangles below

(3mks)

a)

b) (3mks)