MATHEMATICS
Level One

Units

1. .
    a. 5.67mm, 5.67×10^{-3}m
    b. 4.83mm, 4.83×10^{-3}m
    c. 34mm, 3.40×10^{-2}m
    d. 867mm, 8.67×10^{-1}m
    e. 2356mm, 2.356×10^{0}m
    f. 1.56mm, 1.56×10^{-3}m
    g. 0.00456mm, 4.56×10^{-6}m
    h. 123163mm, 1.23163×10^{2}m

2. Completed table:

Measurements	Given data	Unit Specified	Standard form
Equatorial Circumference	40075.01km	40,075,010	4.007501×10^{7}
Mean angular velocity of the earth	$0.07921 mms^{-1}$	0.00007921	7.792115×10^{-5}
Mean radius of the earth	6,374km	6,374,000	6.374×10^{6}
Broadcast Frequency of GPS satellite	1227.6MHz	1,227,600	1.2276×10^{9}

3. Answers to all parts of the question are in the table below

	1000m	5000m	10000m
A	8mm	20mm	35mm
B	3mm	11mm	21mm
C	8mm	24mm	44mm
D	4mm	12mm	22mm