

4) A neem tree was planted 3 years ago. The rate of its growth is 20% per annum. If at present height is 1m 8cm, how high it was when planted?

5. In Annual term exam in Mathematics subject five friends A, B, C, D, E got ~~50~~ 3^a , b^2 , x^2 , $9y^2$ and 81 marks respectively out of 100. If they got same marks then based on above information answer the following

(i) Find value of a

(ii) Find value of x

(iii) Find value of $\frac{b}{a^2}$.

(iv) Find relation between x and y .

1) A rectangular sheet of paper measuring 66 cm in length and 55 cm in breadth is rolled in two different ways to form two different cylinders. Find volume of each cylinder on ~~each~~^{both} cases.

2) Find amount and compound interest on ₹ 20000 for 3 years at 10% per annum compounded annually. Find simple interest also for same capital.

3. The value of a refrigerator which was purchased 2 years ago, depreciates at 12% per annum. If its present value is ₹ 9680, for how much it was purchased?