Class 7-Mathematics

Instructions for students: The notes provided must be copied to the Maths copy and then do the homework in the same copy.

Chapter 7

Percentage and its Applications

Part- 3

Exercise 7.2 continued.

17. Solution:

Let the maximum marks be x.

Percentage of pass mark	=	45%
Pass mark	=	251+19
	=	270
45% of x	=	270
$\frac{45}{100} \times x$	=	270
x	=	$^6\cancel{270} \times \frac{100}{\cancel{45}}$
Maximum marks	=	600

22. Solution:

Let the original price be ₹x.

Percentage of reduction	=	7%
x – 7% of x	=	₹465
x - $\frac{7}{100} \times x$	=	₹465
$\frac{93x}{100}$	=	₹465
x	=	$^5\cancel{465} \times \frac{100}{\cancel{93}}$
	=	₹500

Home work: Solve Exercise 7.2 Questions 13 to 22 in the Maths copy