Ankit M

## ANDHRA EDUCATION SOCIETY SCHOOLS

## SUMMATIVE ASSESSMENT-I (2016-17) CLASS - VIII SUBJECT - MATHEMATICS

Time: 2:30 Hrs.

Max Marks: 60

1x10=10M

I. Answer the following.

1. Write the reciprocal of  $-1 \times \frac{5}{8} = -\frac{3}{5}$ 

What is the square root of 121 = 1

3 Find the number of digit in the square root of 4489. 2 2

Find the ratio of 5 m to 10 km. = 1. 20 00

5. If 5 years ago, my age was 18 years then what is my present age. 23

6. Find the range of the data 5 15 25 18 4 6 16 20

5, 15, 25, 18, 4, 6, 16, 20, 14 7. If 1 is subtracted from both sides of X+1=5 then the Value of 'X'

8. What is the additive inverse of  $\frac{-7}{19}$  2  $\frac{1}{19}$ 

 Without doing any calculation find the numbers with are surely not perfect squares 152, 441, 257.

10. In an inverse proportion, two quantities X & Y vary such that. Ty ...... constant.

II. Answerthese.

2x6=12M

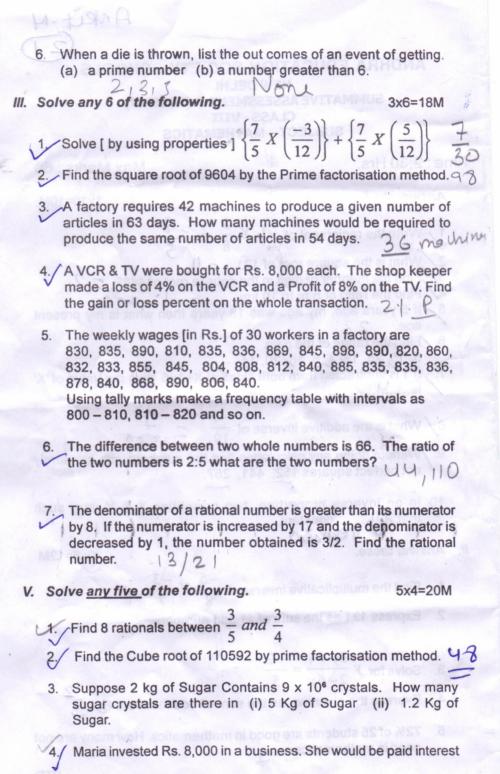
1. Find the multiplicative inverse of  $\frac{-5}{8} X \frac{-3}{7}$ 

2. Express 121 as the sum of 11 odd numbers.

3. Solve for  $y \frac{3y+4}{2-6y} = \frac{-2}{5}$ 

4. Express the given no. as the sum of odd numbers . 3

5. 72% of 25 students are good in mathematics. How many are not good in mathematics.



at 5% per annum compounded annually. Find.

i) The amount credited against her name at the end of the

second year. 3820
ii) The interest for the 3rd year. U U

- 5. A group of 360 people were asked to vote for their favourite season from the three seasons rainy, winter and summer.
  - Which season got the most votes?
  - ii. Find the Central angle of each sector.
  - iii. Draw a pie Chart to show this information.

Season	Summer	Rainy	Winter
No. of Votes	90	120	150
	90'	120'	1000

One of the two digits of a two digit number is three times the other digit. It you interchange the digits of this two - digit. number and add the resulting number to the original number, you get 88. What is the original number?