



PROVINCIAL DEPARTMENT OF EDUCATION NORTH WESTERN PROVINCE

THIRD TERM TEST - 2018

MATHEMATICS - I

Grade 11

Two Hours

Name / Index No. :

- Answer all questions on this itself.
- Each questions carries two marks in Part A and 10 marks for each questions in Part B.

PART - A

01. Underline the nearest value for $\sqrt{75}$ by using $\sqrt{75} = 5\sqrt{3}$

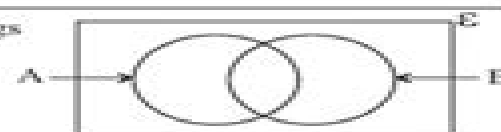
(1) 5×1.5

(2) 5×1.6

(3) 5×1.7

(4) 5×1.8

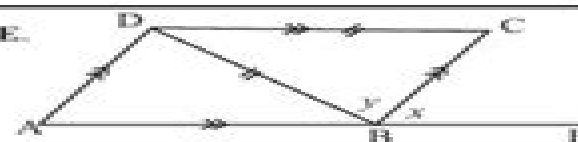
02. According to the Venn diagram given, shade the region which belongs to $(A \cup B)$.



03. Write $3^{-2} = \frac{1}{9}$ in the logarithmic form,

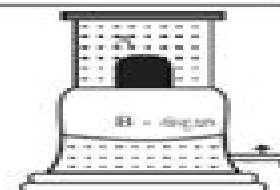
04. Solve, $2x^2 - 32 = 0$

05. The side AB of the parallelogram $ABCD$ is produced to E . If $BD = DC$ and $\angle BAD = 42^\circ$ find the values of x and y .



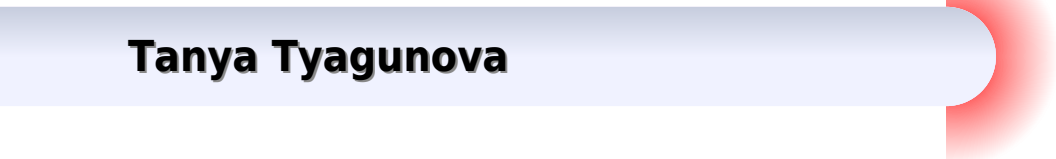
06. A seller bought 1500 mangoes at the price Rs. 25.00 per one and he sold them at the price of Rs. 30.00 per one. Find the percentage of profit gained.

07. The water in the vessel A of the water filter flow to the vessel B at the rate of 50 liters per minute. According to that find the amount of water flown to vessel B in one hour.



33209exam Paper 2012

Tanya Tyagunova



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