

GANIT PRABHUTWA EXAMINATION

Date : 13 - 12 - 2015

Std. V

Total Marks : 100

Time : 3 Hours

N.B. Proper procedure and explanation is necessary.

**Q.1) A] Fill in the blanks with proper words and rewrite the statements
in your answer paper.**

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- (1) The H.C.F. of two consecutive natural numbers is
- (2) 68600 = Hundred
- (3) The sum of the measures of all angles of a quadrilateral is
- (4) If the radius of a circle is 6 cm then the length of its longest chord is
- (5) The number of days of the year 2016 will be
- (6) $120 = \dots \times 9 + \dots$
- (7) $4527 \times 3847 \times 0 + 5981 = \dots$
- (8) In Roman numerical system, the number 500 is denoted as
- (9) If the cost of 24 pens is Rs. 600 , then the cost of a single pen is

(10) $\frac{4}{9} = 4 \times \frac{\square}{\square}$

B] Write only answers.

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- (1) What is the cost of one dozen mangoes, costing Rs. 45 each mango?
- (2) What is the perimeter of a square whose side is 25 mm ?
- (3) How many gram equal 0.5 decagram ?
- (4) Write the five digit smallest number using digits 9,5,7,0,2 ; each only once.
- (5) Write the least form of $\frac{152}{95}$.
- (6) Write down all divisors of 93.
- (7) Write 18 out of 25 in the form of percentage.
- (8) Is it true that 'The sum of the two odd numbers is odd' ?
- (9) What is the L.C.M. of 22 ,44 and 88 ?
- (10) Simplify XI + IX.

Q.2) Solve the following.

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- (1) Write in words : 57, 57, 00, 570.
- (2) Convert into recurring decimal fraction : $\frac{97}{27}$
- (3) If it is Tuesday on 26th January, on which date is the first Wednesday of the same month?
- (4) Find three quarters of 640 gm.
- (5) Find L.C.M. of 55, 176

Q.3) Solve the following.

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- (1) Draw Δ KBP: ℓ (BP) = 7.5 cm, $m \angle B = m \angle P = 35^\circ$.
- (2) Simplify and write the answer in kg.
 $9450 \text{ gm} + 67800 \text{ miligmm} - 83.75 \text{ deca gm.}$
- (3) Pranshu purchased an article for Rs. 200 and sold it with 10 % profit. Find the selling price of the article.
- (4) How many times should $\frac{2}{5}$ be added to $\frac{2}{5}$, so that the sum is 4 ?
- (5) Find the interest and the rate of interest if a principal of Rs. 7200 amounts to Rs.9000 in five years.

Q.4) Solve the following.

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- (1) A box of a dozen ice-cream cups costs Rs. 240. Find the cost of 8 ice-cream cups.
- (2) If $\frac{5}{8}$ of a number is 75, find the number.
- (3) If 8 is written to extreme right of 8888, find the increase in the value of the original number.
- (4) Find the following sum.
 $4.063 + 39.62 + 253.8$
- (5) Draw a regular hexagon ABCDEF with the help of a circle.

Q.5) Solve the following.

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- (1) Find the two digit two numbers whose L.C.M. is 140 and G.C.D. is 14.

- (2) Geeta read a book in 5 days. She read $\frac{1}{4}$ the pages of the book on first day, $\frac{1}{5}$ on second day, $\frac{1}{6}$ on third day, $\frac{4}{15}$ on fourth day and the remaining 28 pages on the fifth day. How many pages did the book have?
- (3) Ashok borrowed Rs.5250 from a rural co- operative bank. Prakash borrowed Rs. 6500 from an urban co- operative bank. They repaid the banks amounts of Rs.6195 and Rs.7865 respectively after three years. Find which bank charged more rate of interest and by how much?
- (4) On a day 45 students out of 60 students were present in division V-A and 14 students out of 56 students were absent in division V-B. Compare the percentages of presence of students in the two divisions.
- (5) Draw a circle of radius 3.5 cm. Draw any two of its diameters. Draw segments joining end points of the diameters. Measure all angles of the quadrilateral formed and state its type.

Q.6) Solve the following.

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- (1) Keya, Arya and Riya are three friends .Sum of the present ages of Keya and Arya is 26 years. Sum of the present ages of Riya and Arya is 17 years and Sum of the present ages of Keya and Riya is 33 years. Find their present ages. What will be the sum of their ages after 5 years?
- (2) A weakly train departs from Mumbai on every Saturday at 13 - 30. It reaches Nagpur at 11-45 on Sunday. How much time does the train take for the journey? Today it is running three and a half hour late. What will be its expected reaching time?
- (3) The length and breadth of a rectangular garden are 1.8 km and 1.2 km respectively. Find the area of the garden in sq. meters.
- (4) Carry out the following division and rewrite the problem by replacing proper digits in the places of * , #

$$\begin{array}{r} * \# \# \\ 53 \overline{) 996 \#} \end{array}$$

0 0 4