

HALF YEARLY EXAMINATION, 2018-19
MATHEMATICS

Time : 3 hrs.

Class - V

M.M. : 80

Date – 14.09.2018 (Friday)

Name of the student _____ Section _____

General Instructions –

- All questions are compulsory.
- The question paper is divided into four sections A, B, C, D.
- Section A contains 20 questions of 1 mark each, Section B contains 7 questions of 3 marks each, Section C contains 8 questions of 4 marks each and Section D contains 5 questions of 6 marks each.
- In Section A all questions are to be answered while you have to answer any 6 questions from Section B, any 6 questions from Section C and any 3 questions from Section D.

Section – A

A1. Fill in the blanks.

- i) One thousand = _____ hundreds.
- ii) Renu is facing North, her right is in _____ direction.
- iii) A _____ angle is formed at 3 'O' clock.
- iv) Place value of 8 in 5,67,23,892 is _____.
- v) Side of a square of area 1sq. cm is _____ cm.

A2. Write 'T' for the true and 'F' for the false statement.

- i) The area of a shape is measured in square units.
- ii) Mirror image of the letter **H** will look same.
- iii) The successor of 79,999 is 79,998.
- iv) A right angle measures 90^0 .
- v) $1 + 2 + 3 + 4 + 5 + 6 = 20$

A3. Find the correct option for the following questions.

- i) One more than 99,999 is _____.
(a) 1 crore (b) 1 lakh (c) 10 crore (d) 10 lakh
- ii) Perimeter of a square of side 7 cm is _____.
(a) 49 cm (b) 28 cm (c) 35 cm (d) 7 cm
- iii) The angles formed at the corner of a square are _____.
(a) 60^0 (b) 70^0 (c) 80^0 (d) 90^0
- iv) Which among the following letters will look same after half term?
(a) M (b) N (c) Q (d) R
- v) $(20 \times 5) + (6 \times 5) = \text{_____} \times 5$
(a) 24 (b) 25 (c) 26 (d) 27

A4. Match the columns to make correct pairs.

Column A	Column B
(i) $\frac{5}{8}$	(a) $\frac{2}{3}$
(ii) $1392 \div 100$	(b) $\frac{7}{9}$
(iii) $9238 \div 100$	(c) Remainder = 92
(iv) $\frac{44}{66}$	(d) Quotient = 92
(v) $\frac{56}{72}$	(e) $\frac{10}{16}$

Section – B (Answer any 6 questions)

B1. Name the kind of angles made by hands of a clock at the following given time:

- (i) 6:30 (ii) 10:25 (iii) 3:00

B2. Find the side of a square with perimeter 20 cm. Then, find its area.

B3. Find:

- (i) $\frac{5}{7}$ of 350 litres (ii) $\frac{1}{15}$ of an hour (in minutes) (iii) $\frac{3}{6}$ of 84

B4. Draw lines of symmetry in any 3 letters from English alphabet which are symmetrical.

B5. Write the number names for the following.

- (i) 5,26,35,211 (ii) 8,75,368 (iii) 6,35,82,374

B6. Arrange the following in ascending order.

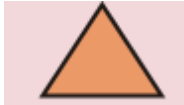



- (i) $\frac{3}{11}, \frac{3}{4}, \frac{3}{7}, \frac{3}{8}, \frac{3}{17}, \frac{3}{19}$ (ii) $\frac{17}{6}, \frac{11}{6}, \frac{1}{6}, \frac{23}{6}, \frac{5}{6}, \frac{31}{6}$

B7. Find the secret number from the given clues :

- (i) It is larger than half of 100.
(ii) It is more than 7 tens and less than 8 tens.
(iii) The tens digit is two less than ones digit.
(iv) Together the digits have a sum of 16.

Section – C(Answer any 6 questions)

C1. Draw how the following shapes would look like after $\frac{1}{4}$ turn.

- (a)  (b)  (c)  (d) 

C2. Write the following numbers in expanded form.

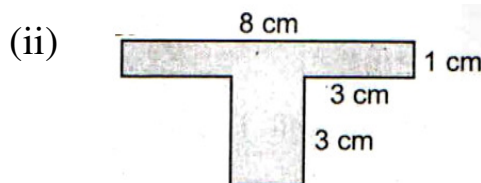
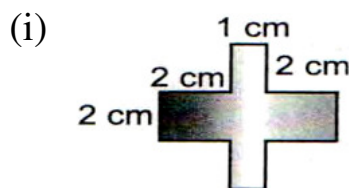
- (i) 99,81,63,213 (ii) 59,83,72,473

C3. Convert the following numbers into palindromes.

- (i) 409 (ii) 852 (iii) 607 (iv) 712

- C4.** Make closed shapes with (i) 4 sides (ii) 6 sides (iii) 3 sides (iv) 5 sides.
- C5.** Vimla buys grapes at Rs 54 per kg. She dries the grapes to make raisins. Raisins are $\frac{1}{3}$ of the weight of grapes. She sells the raisins for Rs 210 per Kg. Calculate:
- Cost of 3000 Kg of grapes
 - How many Kg of Raisins will she get from 3000 Kg of grapes?
 - How much will Vimla earn by selling the raisins she got from 3000 Kg of grapes?
- C6.** Shyamli went for shopping having Rs 840/- with her. She bought a map at $\frac{1}{5}$ of the money and a table-lamp at $\frac{2}{3}$ of the money. How much money did she spend on (a) map ?
(b) table-lamp ?

C7. Calculate the perimeter of the following shapes.



C8. A square shaped wire of side 3 cm is molded into a rectangle having length 2 cm. How much is the breadth of the rectangle?

Section – D (Answer any 3 questions)

D1. Write 2,3 and 4 digit numbers which will look same after half a turn. (two numbers for each)

D2. Construct these angles and name their arms and vertices.

- (i) 100° (ii) 60° (iii) 150°

D3. Find the following:

- What will be the breadth of a rectangle having one side 9 cm long and perimeter 30 cm?
- A triangle's perimeter is 19 cm. Its two sides are 6 cm and 4 cm. How much long is its third side?

D4. Write any four equivalent fractions for the following.

- (i) $\frac{5}{8}$ (ii) $\frac{7}{9}$ (iii) $\frac{11}{15}$

D5. Speed of bus–A is 65 km/h and of bus–B is 55 km/h. Find out the following.

- Which bus is having greater speed?
- How much distance do these buses cover separately in 3 hours ?
- Bus- A runs for 4 hours and Bus-B for 5 hours. Which one covers more distance?

