ANNUAL EXAMINATION, 2018-19

MATHEMATICS

Time : 3 hrs. **Class - V** **M.M. : 80**

Date – 15.02.2019 (Friday)

Name of the student _____Section _____

General Instructions –

- All questions are compulsory.
- The question paper consists of **31** questions divided into four sections **A, B, C, D.**
- **Section A** contains **20** questions of **1 mark** each, **Section B** contains **8** 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 answer 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. Find the correct option for the following questions.

i) Volume of a cubical box of side 3 cm is _____cubic unit.

(a) 3 (b) 6 (c) 9 (d) 27

ii) If 2 cm on a map is 500 m on ground then 4 cm on the map is _____km on ground.

(a) 1 (b) 2 (c) 3 (d) 4

iii) The 5^{th} multiple of 12 is _____.

(a) 24 (b) 36 (c) 48 (d) 60

iv) Maharashtra is towards _____from Chhattisgarh.

(a) East (b) West (c) North (d) South

v) Perimeter of a square of side half centimeter is _____ cm.

(a) 1 (b) 2 (c) 3 (d) 4

A2. Fill in the blanks with correct answer.

i) The space occupied by a solid is its _____.

ii) _____is the smallest factor of every number.

iii) 13 x 5 = 65, so 65 is a multiple of ____ and _____.

iv) Repeated _____is known as multiplication.

v) 3096 ÷ _____ = 3096

A3. Write 'T' for the true and 'F' for the false statement.

i) Square has only opposite sides equal.

ii) 2 can divide every prime number.

iii) 7.56 is greater than 75.6

iv) The number remaining at the end of the division is called the remainder.

v) Volume is three dimensional.

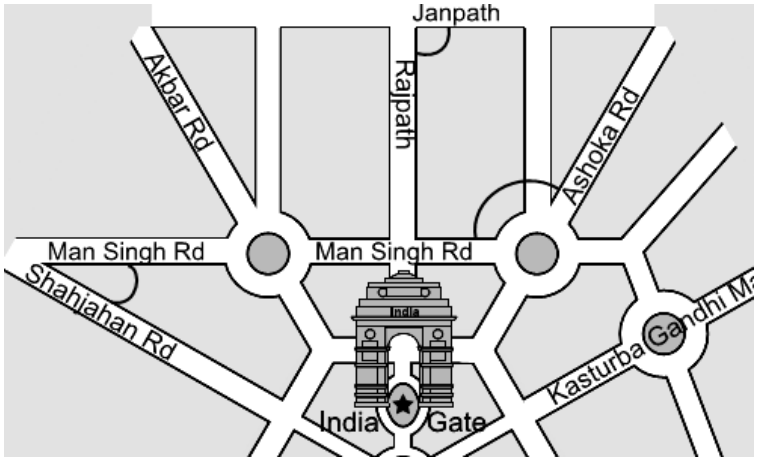
A4. Match the columns to make correct pairs.

Column A	Column B
a) 4 tenths	i) Composite Number
b) 4 hundredths	ii) 0.004
c) 31	iii) 0.04
d) 4 thousandths	iv) Prime Number
e) 39	v) 0.4

SECTION – B (ANSWER ANY 6 QUESTIONS)

B1. Find all the factors of 18 by drawing rectangles, where length and breadth represents factor of 18.

B2. Following picture shows the roads nearby the India Gate.



Name the pair of roads forming :-

(a) Acute angle. (b) Right angle. (c) Obtuse angle.

B3. The area of a ground is 64400 sq.m. If its breadth is 80 m, find its

(a) Length (b) Perimeter.

B4. A cuboid is 7 cm long, 4.5 cm broad and 3.5 cm high. A cube has an edge of 8 cm. Find their volumes.

B5. Arrange the following decimals in ascending order.

(a) 74.63, 7.463, 746.3, 0.7463 (b) 10.01, 1.001, 100.1, 1001

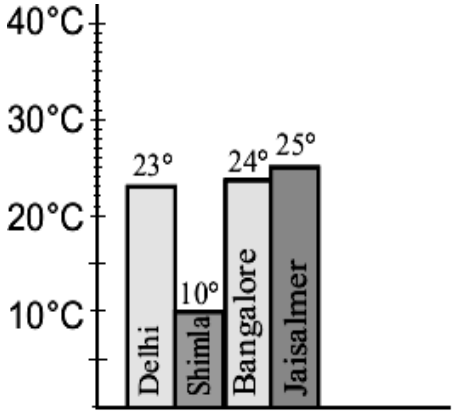
B6. Using 1 cm cubes only, draw

(a) cube of side 3 cm. (b) cuboid of dimension 4cm × 3cm × 2cm

B7. Solve these.

i) 362.012 + 12.22 ii) 3601.23 – 123.5 (iii) 0.001 + 0.01 + 0.1

B8. The given bar chart shows the highest temperature (in degrees Celcius) of a day in four cities Delhi, Shimla, Bangalore and Jaisalmer. Find out the following information from it.



a) Arrange the cities in the ascending order of their temperature.

b) How much more is the temperature of Bangalore in comparison with Delhi.

SECTION – C (ANSWER ANY 6 QUESTIONS)

C1. Write first 10 multiples of 12 and 15. Also find their first two common multiples.

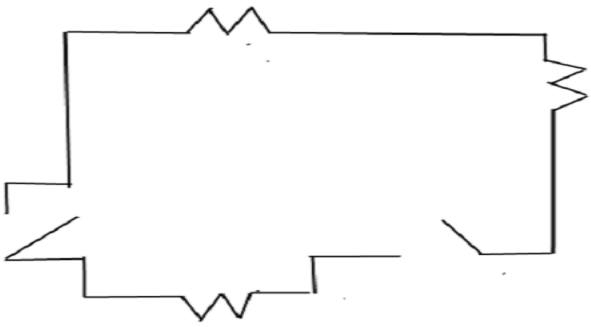
C2. Write the following decimals in expanded form.

(a) 812.63 (b) 15.306 (c) 1.0013 (d) 2364.31

C3. Draw a table and make tally marks to represent the data given below for plants and trees in a garden. Give it a suitable title.

Peepal – 6 Banana – 8 Mango - 13 Neem - 17 Rose - 11 Papaya - 13

C4. Draw a deep drawing of the following floor map.



C5. A crossword puzzle has 100 squares. Each squares has an area of 4 sq.cm. 85 squares are blank and the rest are shaded. Find :

(a) Area of shaded squares. (b) Area of blank squares. (c) Total area of the Puzzle.

C6. A six - floor shopping mall has 15 shops on each floor. Each shop requires 706 tiles. Find the total number of tiles required for flooring of the mall.

C7. A piece of wood measures 12m x 10m x 6m. How many cuboids of 5m x 3m x 3m can be cut from it ?

C8. The rent of a house for a year is Rs. 48,120. What would be its rent for 7 months ?

SECTION – D (ANSWER ANY 3 QUESTIONS)

D1. (a) Find the volume of Packets A, B, and C.

(b) Find the difference between volume of A and C.

(c) Which Packet takes maximum space?

Packet	Length	Breadth	Height
A	35 cm	20 cm	15cm
B	25 cm	10 cm	5cm
C	22 cm	12 cm	10 cm

D2. Divide these and verify your answer.

(a) 638145 ÷ 35 (b) 169604 ÷ 42

D3. Find the dividend for :

(a) Divisor = 18 Quotient = 342 Remainder = 11

(b) Divisor = 32 Quotient = 68 Remainder = 9

(c) Divisor = 19 Quotient = 53 Remainder = 17

D4. A shopkeeper sold 125 chairs for Rs. 200 each. With that money he bought 200 tables. Find the cost of one table.

D5. The following table shows the number of kites sold by a kite-maker on a sea-beach.

Days	Monday	Tuesday	Wednesday	Thursday	Friday
No. of Kites	150	200	50	300	250

(a) Represent this data on a pictograph.

(b) Give it a suitable title.

(c) Make a key symbol and mention its number.