

SECOND TERMINAL EXAMINATION, 2017

MATHEMATICS

Time : 3 hrs.

Class V

M.M: 100

Date - 20.02.2017 (Monday)

Name of the student _____ Section _____

General Instructions:

- All questions are **compulsory**.
- The question paper consists of 34 questions divided into four sections **A, B, C, D**.
- **Section A** contains **20 questions** of **1 mark** each, **Section B** contains **10 questions** of **3 marks** each, **Section C** contains **10 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 8 questions** from **Section B**, **any 7 questions** from **Section C** and **any 3 questions** from **Section D**.

SECTION – A (Attempt all the questions)

A1 Find the correct option for the following questions - (5)

i) If 1 cm on a map is actually 200 m on ground, then 5 cm on the map is actually -

- (a) 500 m (b) 5 km (c) 1 km (d) 100 km

ii) Volume of a cube with sides 5 cm is -

- (a) 25 cm cubes (b) 125 cm cubes
(c) 20 cm cubes (d) 500 cm cubes

iii) Number of faces in a cone is -

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

iv) Perimeter of a square of side 6 m is -

- (a) 30 m (b) 36 m (c) 18 m (d) 24 m

v) The answer to a division problem is the -

- (a) dividend (b) quotient (c) remainder (d) product

A2 Fill in the blanks with correct answer. (5)

i) _____ is a factor of every numbers.

ii) $3 \times 12 = 36$, so 36 is a multiple of _____ and _____.

iii) A number that has more than two factors is called a _____ number.

iv) The solids of the same shape and same size have _____ volume.

v) $4735 \text{ g} = \text{_____ kg } \text{_____ g}$.

A3 Match the columns to make correct pairs. (5)

- | Column A | Column B |
|-----------------------------|----------------|
| i) $\frac{14}{100}$ | a) 0.014 |
| ii) Data on circular plane. | b) Tally marks |
| iii) Data as small lines. | c) 0.001 g |
| iv) $\frac{14}{1000}$ | d) 0.14 |
| v) One milligram. | e) Pie chart |

A4 Write T for the true and F for the false statement. (5)

- Volume is always measured in square centimeters.
- Perimeter of a square is four times of its side.
- The region enclosed between the boundaries of a figure is its area.
- A number divided by itself gives one as remainder.
- To share the things among many children we do division.

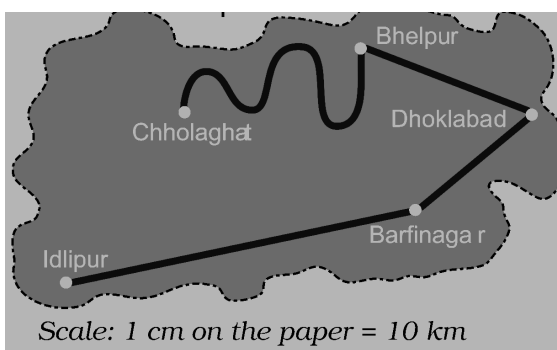
SECTION-B (Attempt any 8 questions)

B1 Find the first two common multiples of 5 and 6. (3)

B2 Find the dividend if, divisor = 17, quotient = 243 and remainder = 10. (3)

B3 Make a cube of side 2 cm each. Use 1 cm cubes only. (3)

B4 Answer the following questions based on the given map:- (3)



- How many cm away is Idlipur from Barfinagar on map?
- How many kilometers will you have to travel if you go from Idlipur to Barfinagar?

B5 The area of an orchard is 7240 sq.m. If its breadth is 80 m, find its length. (3)

B6 An egg costs two and a half rupees. How much will one and a half dozen cost? (3)

B7 Make tally marks to represent the data given below for plants and trees in a garden. (3)

Mango - 4 Neem - 7 Rose - 9

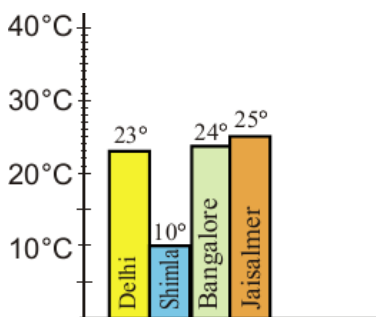
Papaya - 3 Lemon - 4 Guava - 8

B8 Arrange the following decimals in descending order: (3)

i) 9.054 , 9.045 , 9.450 , 9.540 , 9.504 , 9.405

ii) 22.014 , 12.140 , 12.410 , 12.014 , 22.041 , 22.410

B9 The given bar chart shows the highest temperature (in Degree Celcius) of a day in four cities Delhi, Shimla, Bangalore and Jaisalmer. Find out the following information from it. (3)



a) Which are the coldest and hottest cities of the day?

b) How much more is the temperature of Delhi in comparison with Shimla?

B10 One pastry weighs 225 g. What is the weight of such 8 pastries in kg and g ? (3)

SECTION – C (Attempt any 7 questions)

C1 Shanvi saves Rs. 560 every month. How much will she save in 6 years? (4)

C2 List all the factors of 12, 15 and 30. Find their Highest Common Factor (H.C.F.). (4)

C3 The rent of a house for a year is Rs. 48,120. What would be the rent for 7 months? (4)

C4 How many cubes of edge 2 cm will fit into a box of sides 15cm×8cm×20cm? (4)

C5 A brick has a length of 12 cm, breadth of 6 cm and height of 5 cm. What is the volume of such five bricks? (4)

C6 Write the first 6 multiples of 4, 8 and 12. Find their Lowest Common Multiple (L.C.M). (4)

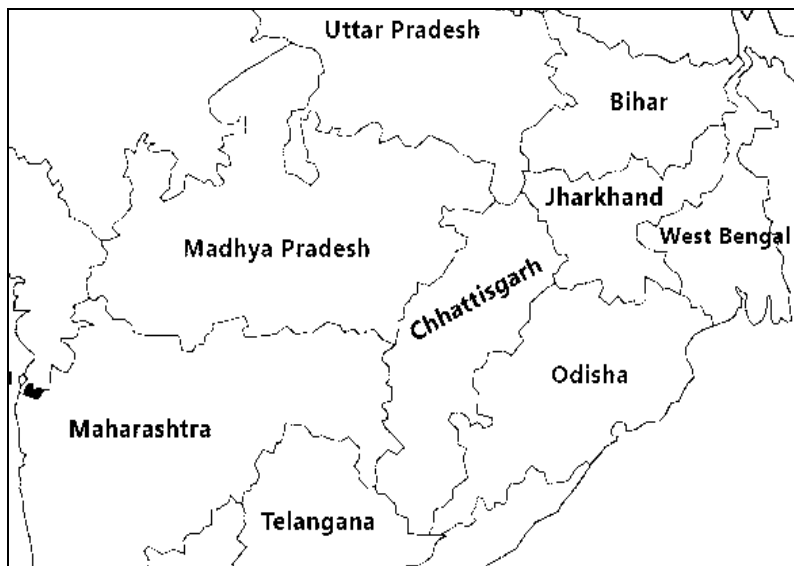
C7 A floor of length 7 m and breadth 4 m is to be covered by square tiles of side 20 cm each. How many tiles will be needed to cover the floor? (4)

C8 Find the sum by adding the following decimals column wise: (4)

a) 17.01 + 1.345 + 246.3 b) 0.073 + 7 + 118.016

C9 Answer the following questions from a part of India-Map

(4)



- i) Write the neighbouring states of Chhattisgarh.
- ii) Which state does come between Bihar and Odisha?
- iii) Going from Uttar Pradesh to Maharashtra straight, will you pass through Odisha?

C10 In a class of 100 students data of fruits liked was collected as follows. (4)
Represent this using chapatti chart / pie chart.

Apples	Mangoes	Grapes	Oranges
20	30	10	40

SECTION – D (Attempt any 3 questions)

- D1** There are 5,364 monkeys in 9 zoos. How many monkeys are there in 1 zoo? (6)
Find the number of monkeys in 7 zoos.
- D2** By how much is the product of 14.8×7.6 greater than the product of 9.43×6.5 ? (6)
- D3** A square carrom board has a perimeter of 320 cm. How much is its area? (6)
- D4** A cuboid is 7 cm long, 4.5 cm broad and 3.5 cm high. A cube has an edge of 7 cm. Which one has the greater volume and by how much? (6)
- D5** Represent the following data in the form of a bar graph. (6)
- Give it a suitable title.
 - What do the vertical and horizontal axis represent?

Sl.	Students	Marks (out of 100)
1.	Gita	72
2.	Meenal	65
3.	Shivangi	96
4.	Shaan	83
5.	Mourya	90

ACTIVITY.

(10)

