ATOMIC ENERGY CENTRAL SCHOOL NO.3, RAWATBHATA

Subject – Maths   <u>**Confidence Test (February- 2020)**</u>

Class: V   **Date: _____**   **Time: 1:30 Hours**

Name: _____   **Roll No.: _____**   **MM – 40 / MO _____**

Invigilator's Sign: _____   **Examiner's Sign: _____**

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SECTION - A KNOWLEDGE   (20 MARKS)

A-**I. Fill in the blanks.**   **[1 x 10 =10]**

1.   _____ is measured in cubic units.

2.   Siyatravels from Kanyakumari to Kashmir. She travels towards ---

3.   From the top view of a bridge we can make out its _____.

4.   If 3 lemons push up 15ml of water, volume of each lemon is _____.

5.   9000m X 0.1m = _____.

6.   The amount of surface enclosed by a plane figure is called its_____

7.   The most appropriate unit for measuring the area of your school play ground

    is_____

8.   The lines used to represent the data is called _____

9.   Rupee 0.5 = _____

10.   If 6cm on the map represents 30km on the ground , then the given scale:
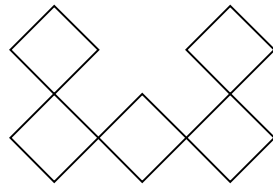
    1cm = _____

A-II   Do as directed.   (2X5=10)

1.   The favourite pets of some children are given below.

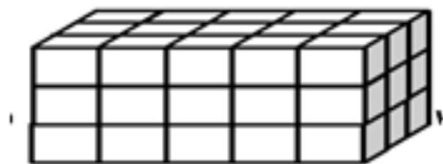| Pets	Tally marks	No. of children
Dog		
Cat		
Rabbit		
Parrot		

(i)   Complete the above table.

(ii)   Which is the most favourite pet?   _____

2. Find the area and perimeter and area of the figure. (Square is of size 1 cm.)
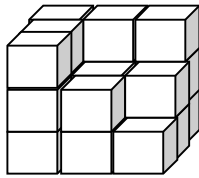
Perimeter = _____   Area = _____
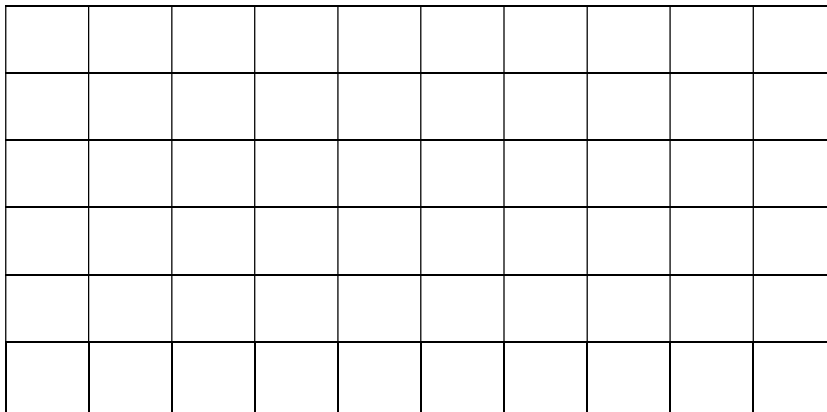
3.   Look at the picture.

i) How many cubes can be arranged in one layer? _____

ii) There are _____ layers of _____cubes.
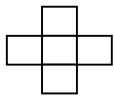
4.   Draw top and side views of this

5.   Draw a rectangle and a square of 16 cm perimeter each in the given square grid and colour them. if side of each square is 1cm, find the area of square and rectangle
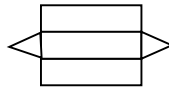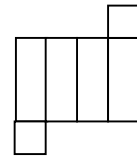

Area of square =_____ Area of rectangle= _____

SECTION - B UNDERSTANDING (20 MARKS)

B-I   **Draw the boxes into which these shapes will fold.**   **(6 X 1 = 6)**

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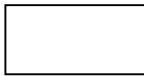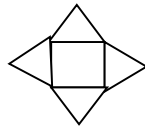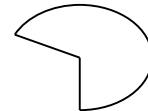
B-II   Find the following.   (2x5=10)

1.   Arushi makes a new year card which is 11cm wide and its area is 209sq.cm.

          How long is the card is?_____

          If she put glitter tap on its boundary, how much long tape will she need?____

2.   Read the map and answer the question.

Barfinagar

Chholaghat

6cm

Jalebinagar   Bhelpur   4cm   Dosapur

10 cm

Idlipur   Dhoklabad

1 cm on the paper = 20 km   on the ground
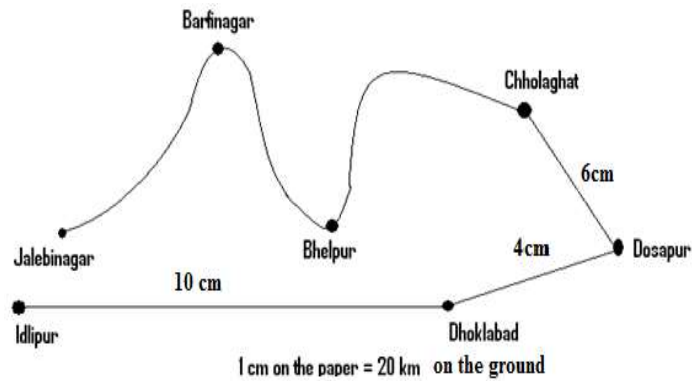
i)The distance between Idlipur and Dhoklabad is 10 cm on the paper, how many kilometres will you have to travel to reach Dhoklabad from Idlipur?

ii) How far is Chholaghat from Idlipur?

3.   Draw the deep drawing of the following floor map.

4. A teacher recorded that the children who help their parents in different

houses hold work.

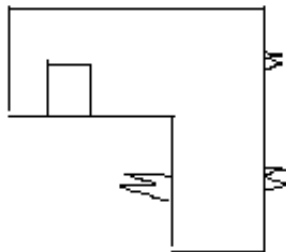| House Work	No. of children
Going to market	15
Sweeping the room	20
Watering the plants	25
Washing clothes	15
Total Children	

i)   Watering the plant is _____ of the total students.

ii) Going to the market, sweeping the room and washing clothes together

is   _____ of the total number of children.

5. Arjun is a worker in Rajasthan if he works for 6 weeks in the farm, how much will he earn ? (One day wages = Rs 78)

How much money will he earn in a month?

B-III   Read the table and answer the following questions.   (4)
City Temperature at 3:00 a.m.

Chennai	30.2°C
Mumbai	27.8°C
Delhi	29.5°C
Kolkata	31.5°C
Jaipur	24.6°C
Hyderabad	30.2°C

i) The difference in temperature between Kolkata and Delhi is _____.

ii) The temperatures of Chennai and Hyderabad are _____.

iii) The lowest temperature was recorded at _____ while the

highest temperature was recorded at _____.

SECTION – C ABILITY TO COMPUTE (20 MARKS)

C-I   **Fill in the blanks.**   (6X 1 =6)

1.   50/100 = _____(in decimal)

2.   Area of a square of side 2cm = _____sq.cm

3.   Volume of a cube of 3cm =_____cube cm.

4.   510 X 20 = _____

5.   92.25 + 100 = _____

6.   If we double the side of the square , its area will increase _____ times.

C-II   Solve the following.   (2x5=100)

1.   Divide the following.

1024 ÷32   532800÷9

2.   Multiply the following.

65100 X 54   1231 X 19

3.   Ashi took loan of Rs 30252 to buy a scooter. She has to pay Rs.2700

every month for one year. How much money does she pay in all?

How much more money did she pay the Bank?

4.   A carton is 50 c long, 40 cm broad and 30 cm high. How many cubical tea

packet of side 10 cm can be put in the carton?

5.   The weight of a 5 rupee coin is 6 g. How many coins are there if it weigh

(a) 4 kg 260 g   (b) 30 kg

C-III   Look at the table and find the answers.   (4)

Currency	Changed into Indian Rupees
Euro	Rs 54.25
Pound	Rs 67.50
US dollar	Rs 44.75
Rupee (SL)	Rs 0.35
Dirham	Rs 12.75
Rupee Nepal	Rs 0.66

i) How many Indian rupees do we get from 45 Euro?

ii) Rubia's father live in USA. He sent 20 US dollar to buy gift for her birthday. She bought a wrist watch for Rs 225.50.
How much money did she get back.

iii) Mohini live in Sri Lanka. She sent 500 rupees (SL) for her parents.
How much Indian rupee does her parents get?

iv)Neetu has Rs 447.50 She wants to change it into US dollar. How many US dollar does she get.

SECTION – D   APPLICATION (20 MARKS)

D-I   Fill in the blanks.

1.   A flag is 30 cm long. If its breadth is half of its length. Tthe area of the flag is _____

2.   1/5 of 2500 = _____

3.   The cost of a pen is Rs 20. The cost of 50 such pens are _____

4.   The volume of a cube is 1 cube metre.Its side is _____metre.

5.   If one two-Rupee coin is 6grams. _____two –Rupee coins may be

     there in 600grams.

6.   All the faces of a _____are square in shape.

D-II   Find the following.   (2 X 5=10)

1.   Read the chart and answer the question

      The number of rabbits grown in India are given below.

Find the number of rabbits in 5th year and 6th year.

Time	Number of rabbits
start	10
1 year	18
2 year	32
3year	56
4 year	108
5 year	–
6 year	–

2. The weight 100 five -rupee coin is 675 gram. What is the weight of 800 such coins?

3. Ravi bought a battery. He read on it 'Life 2500 hours'. He uses the battery day and night. How many will day the battery run?

4. Find the volume of the following cuboid.

(a) Length = 15 cm   Breadth = 12 cm   Height = 8 cm

(b) Length = 30 cm   Breadth = 25 cm   Height = 15 cm

5.   1 Rajesh's mother took a loan and ahs to pay Rs 68000 per month. Rajesh has to help his mother. He started to look after 75 buffaloes and earns Rs 25 each days for each buffalo?

(a) How much does he earn every day?

(b) How much does he earn in every month?

(c) Is it enough to pay the loan?

D-III   Read the story and solve the problems.   (4)

The list of food items needed by one person each day is given

Rice – 70 g   Flour – 90 g   Pulses – ¼ of the weight of rice and flour

Sugar -60g   Oil -50g   Milk Powder -65g

Tea -   15g   Salt - 10g   Dried Onion – 30g   Dried tomato – 30g

If fresh onion or tomato is dried, 1kg fresh onion or tomato becomes 100g.

Now answer the following.

(a) How much the following item will need for 8 days?

(i) Rice _____   (ii) flour _____

(iii) Pulses _____ (iv) Dried tomato _____

(b) Find the total weight of the food items needed for 8 days in each person's bag?

(c) How much fresh tomato should be dried for 8 days for 20 people?