

KENDRIYA VIDYALAYA, IIM LUCKNOW

SESSION ENDING EXAM- 2019-20

CLASS-V

SUBJECT: - MATHS

TIME: - 02:30 Hrs

M.M.: - 80

Name: - Date: -

Roll No.: Class & Sec: - Invigilator's Sign: -

| COMPETENCIES | Concept of Knowledge 20 | Concept of Understanding 20 | Ability to Compute 20 | Problem Solving Ability 20 | TOTAL 80 |
|--------------|----------------------------|--------------------------------|--------------------------|-------------------------------|-------------|
| Marks | | | | | |

Examiner's Sign: -

KNOWLEDGE (20)

VSA: 1. Tick (v) the correct answer.

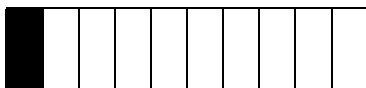
1X8=8

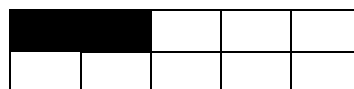
- (i) 36 metre = (a) 3600 cm (b) 30006 cm (c) 3.06mm
- (ii) Area of square = (a) side x side (b) side+ side (c) 4-side
- (iii) $42/10 =$ (a) 4.2 (b) 4.02 (c) 42.0
- (iv) Seventy point Two five = (a) 17025 (b) 70.25 (c) 7.225
- (v) Division is a repeated (a) Multiplication (b) Subtraction (c) Addition
- (vi) A cuboid has - (a) 9 corners (b) 8 corners (c) 5 corners
- (vii) Volume of a cuboid = (a) side x side (b) $L + B - H$ (c) $L \times B \times H$
- (viii) Boundary of the rectangle is also called- (a) side (b) volume (c) Perimeter

SA 2.

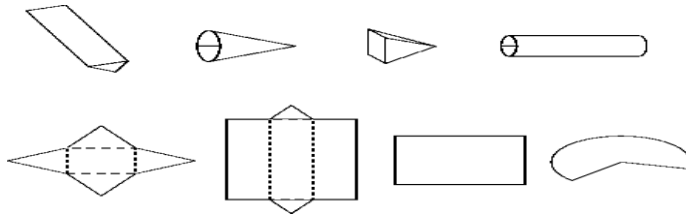
4X 2=8

(i) What part of the given figures is coloured. Write in decimal.

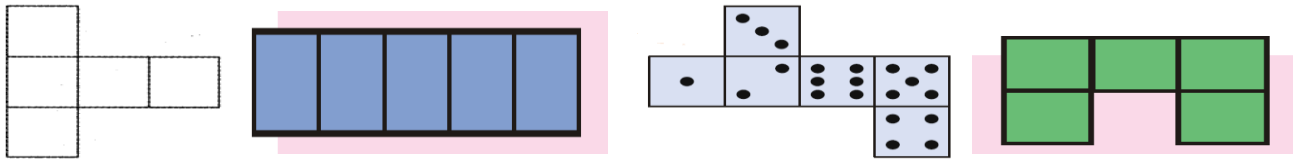




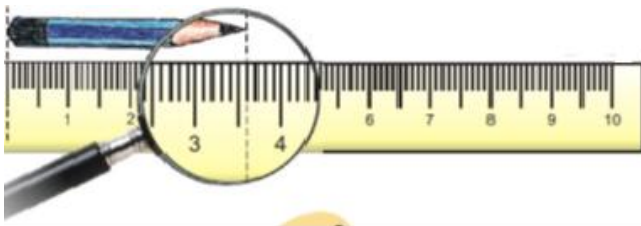
(ii) Match the shape with a box into which it will fold.



(iii) Find out which of these shapes can be folded to make the **open and closed cube**. Tick (✓) the correct shapes. Put cross (X) which will not make open or closed cube.



(iv) See the picture and find out **length of the pencil** given below.

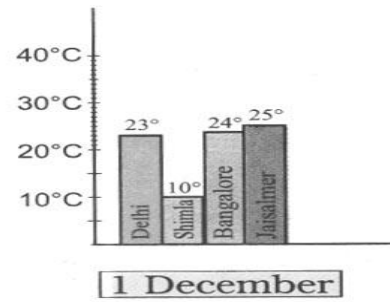
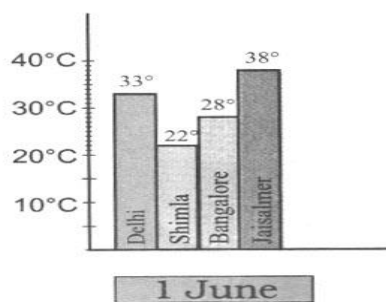


Length of the pencil = _____ cm
= _____ mm

LA.

4X1=4

There are **two bar charts**. These show **highest and lowest temperature** (in degrees Celsius) in **four cities**. Find out from the bar chart –



(a) Which city is the **hottest on 1 June**?

(b) Which city is the **coldest on 1 December**?

(c) Maximum temperature in **Delhi on 1 June**:

(d) Minimum temperature in **Delhi on 1 December**:

UNDERSTANDING (20)

VSA. Tick (v) the correct answer.

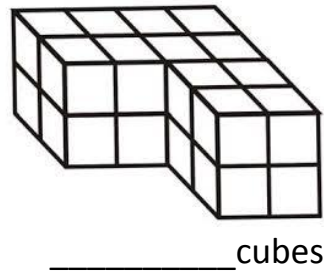
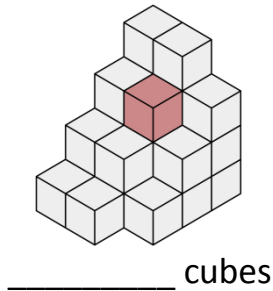
1X6=6

- (i) **Multiplication** is a repeated ... (a) Addition (b) subtraction (c) division
(ii) Which is the **longer distance**? (a) 6.5mm (b) 6.7cm (c) 20mm
(iii) Where do we show **NORTH DIRECTION** in the map? (a) Down (b) right (c) up side
(iv) If **5kg green onions** will be dried then **weight of dry onions** will be –
(a) 5000g (b) more than 5 kg (c) less than 5 kg
(v) Which animal is **heaviest**? (a) 5 goats (b) A Blue Whale (c) Two baby elephant
(vi) Which **shape is 2-D**? (a) cube (b) circle (c) cylinder

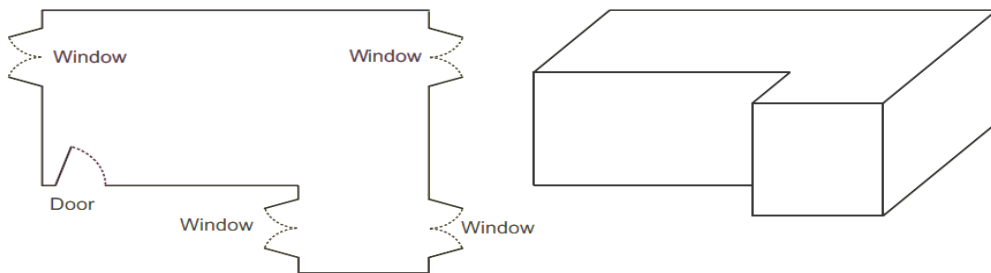
SA.

5X2=10

(i) **Count** and Write the **number of cubes** in the given shapes.

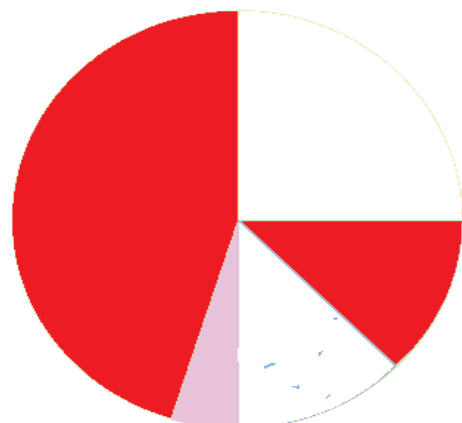


(ii) **Make doors and windows on the deep drawing** of this house. If any window you **could not show** on the deep drawing, **circle them on the floor map**.



(iii) Make a **chapati chart** to show the numbers given in the table and **colour**.

| | |
|---------------------|-------------|
| Watching T.V. | 94 Students |
| Playing football | 50 Students |
| Drawing & colouring | 30 Students |
| Reading story books | 20 Students |
| Singing | 6 Students |



Total number of students= _____

(iv) Choose and tick (✓) the **question** which makes the best story problem and then solve it.

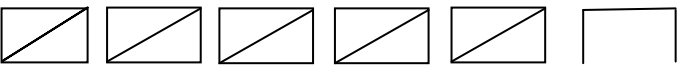
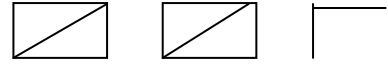
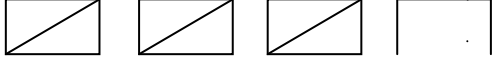
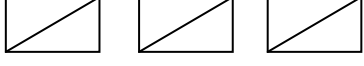
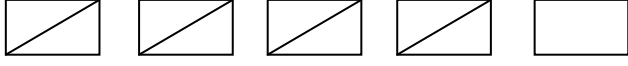
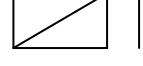
'352 children from a school went on a camping trip. Each tent had a group of 4 children.'

- (a) How many children did each tent have? ()
- (b) How many tents do they need? ()
- (c) How many children in all are in the school? ()

(v) Look at the table. If you were to write the area of each these which column would you choose? **Make a tick (✓).**

| | Square cm | Square Metre | Square km |
|----------------------|-----------|--------------|-----------|
| Handkerchief | | | |
| Page of your Book | | | |
| Sari | | | |
| Total land of a city | | | |

LA. Look at the table given below. **Complete the table and answer the questions.**

| Vehicle | Tally Marks | Number |
|----------------|--|--------|
| Cycle |  | |
| Car |  | |
| Auto rickshaw |  | |
| Bus |  | |
| Cycle rickshaw |  | |
| Truck |  | |

- i) How many **vehicles** are there in all? _____
- ii) **Auto rickshaws** are **thrice** the number of **trucks**- true/false? Ans _____
- iii) Which is the **most popular vehicle** in the table? Ans. _____
- iv) Which is the **least popular** vehicle in the table? Ans. _____

ABILITY TO COMPUTE (20)

VSA. Tick (✓) the correct answer.

1X6=6

- (i) Change into fraction: $2.35 =$ (a) $\frac{235}{100}$ (b) $\frac{23.5}{1000}$ (c) $\frac{235}{10}$
- (ii) $53.34 \times 100 =$ (a) 5334.00 (b) 5.33400 (c) 0.05334
- (iii) $1740 \times 1 =$ (a) 0 (b) 1740 (c) 174
- (iv) $174362 \times 0 =$ (a) 174362 (b) 0 (c) 17436200
- (v) 75 rupee 5paise = (a) Rs.750.500 (b) Rs.75.005 (c) Rs.75.05
- (vi) $2300 \div 100 =$ (a) 2300 (b) 23000 (c) 23

SA. Solve all the questions given below.

5X2=8

(i) If 6 laddoos can be packed in 1 box, how many boxes are needed to pack 324 laddoos? Solve it.

(ii) There are 28 laddoos in 1 kg. How many laddoos will be there in 15 kg? Solve it.

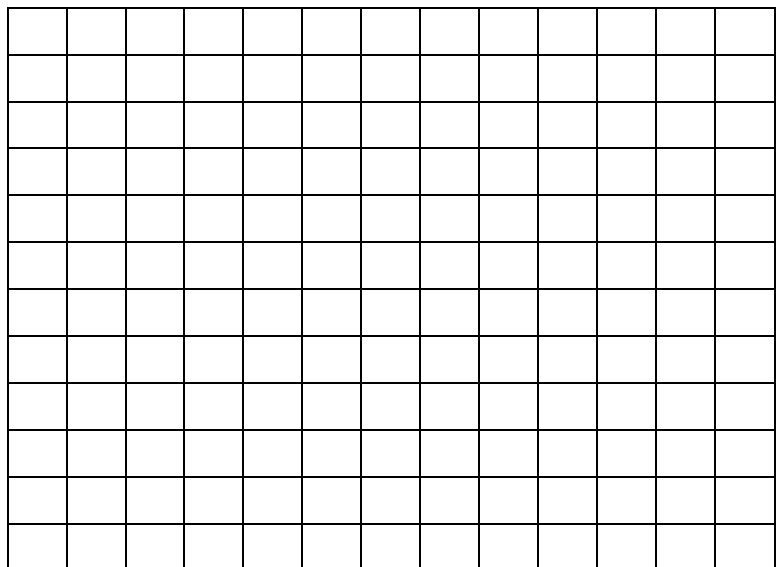
(iii) A matchbox is 5cm long and 3cm wide. Its height is 1 cm. Find the volume of 10 such matchboxes? Solve it.

(iv) A milkman sells **1 litre of milk for Rs 35**. In one month he sells **200 litres** of milk. How much does **he earn in a month?** **Solve it.**

(v) One book **weighs 245 gm**. What is the **weight of 8 such books?** **Solve it.**

LA. Make a **bar graph** to represent the data given below and then solve the following question. 4X1=4

| Sports | No of students |
|-------------|--------------------|
| Football | 20 students |
| Cricket | 30 students |
| Volley ball | 20 students |
| Basketball | 15 students |
| Swimming | 10 students |
| Total | ___ students |



(i) **Make a bar graph for the data given above & colour.**

(ii) **How many students** are playing in all? Ans. _____

(ii) **How many students** are participating in the **water game?** Ans. _____

PROBLEM SOLVING ABILITY (20)

VSA.

1X6=6

Fill in the blanks.

(i) If **1 cm** on the map = **2 km** on the ground

Then **10 cm** on the map = _____ **km on the ground**

(ii) If **side of a square is 9 cm** then **Area** = _____ sq.cm

(iii) Make **tally mark for 14**= _____

(iv) If **L=15cm, B=10cm** then **Area of the rectangle**= _____ sq.cm

Tick (✓) the correct answer.

(v) The **boundary** of a square garden is **200m**. Then **each side** of the garden will be -

(a) 50m

(b) 50cm

(c) 200km

(vi) **16.820 kg + 13.180 kg** = (a) 30.000kg (b) 300.000kg (c) 29.900kg

SA.

4X2=8

(i) The **weight of a 1- rupee coin is 6 g**. What is the **weight of a sack containing 200 such coins**? Solve it.

(ii) Do the **division and write** the following.

$$2664 \div 11$$

Divisor= _____

Dividend= _____

Quotient= _____

Remainder= _____

(iii) Mohan drinks **8 glasses of water every day**. How many glasses will he drink in

One year? Solve it. (**One year =365 days**)

(iv) Find the **volume** of a box having **length 20cm, breadth 8cm** and **height 5cm**. Solve it.

(v) If **10 marbles** push up **250 ml** of water in a jar. Find out the **volume of a marble in ml**.

Solve it.

LA. Look at the rate list and solve the following questions.

4x1=4

| RATE LIST | |
|------------------|---------------------|
| Soap bar | Rs. 7.50 per piece |
| Matchbox | Rs. 2.00 per piece |
| Pen | Rs. 15.00 per piece |
| Pencil | Rs. 4.50 per piece |

(a) Find the cost of **two soap bars**.

(b) What is the cost of **5 matchboxes**?

(c) What is the cost of **2 pens**?

(d) **How many pens** can be purchased by **60 rupees**?