

# SECOND TERMINAL EXAMINATION, 2017

## MATHEMATICS

Time : 3 hrs.

Class IV

M.M: 100

Date - 15.02.2017 (Wednesday)

Name of the student \_\_\_\_\_ Section \_\_\_\_\_

### General Instructions :

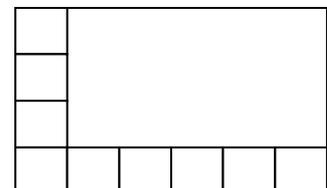
- The question paper comprises of 4 sections, A, B, C & D. You have to attempt all the sections.
- All the questions are compulsory in section "A".
- Section-B comprises 10 questions and you have to attempt **any 8** questions.
- Section-C comprises 10 questions and you have to attempt **any 7** questions.
- Section-D comprises 5 questions and you have to attempt **any 3** questions.

### SECTION -A

(Attempt all the questions of this section)

Choose the correct option

- A1** 1 l = .....ml. 1  
i) 10      ii) 100      iii) 1000      iv) none of these.
- A2** The size of the circle depends on its..... 1  
i) chord    ii) centre      iii) diameter    iv) none of these.
- A3** In 6/11 denominator is..... 1  
i) 6      ii) 11      iii) 17      iv) none of these.
- A4** Continue the pattern 1  
**4, 9, 16, 25, ....., 49**  
i) 30      ii) 35      iii) 40      iv) none of these.
- A5** Cost of a Pen is Rs. 12, then cost of 12 pens will be Rs. .... 1  
i) 120      ii) 122      iii) 144      iv) 24
- A6** Standard unit of measurement of weight is..... 1  
i) Kilogram      ii) Litre      iii) Metre      iv) none of these.
- A7** How many small squares can fill the given box 1  
i) 50      ii) 25      iii) 9      iv) 24



**A8 Which fruit is liked by most of the people?**

- i) Oranges      ii) Mangoes
- iii) Bananas    iv) None of these

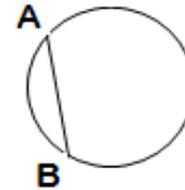


**A9 1/4 Litre =.....ml**

- i) 500      ii) 150      iii) 250      iv) 750

**A10 In the given figure AB is.....of the Circle.**

- i) Radius      ii) Chord
- iii) Diameter    iv) None of these



**Fill in the Blanks.**

**A11 1/2 + 1/4 + .....= 1 Whole**

**A12** ○, □, △, ○, □, △, .....

**A13 2,22,000 × 300 =.....**

**A14 5kg 35g = .....g**

**A15 If ☺ = Rs 5**

Then ☺☺☺☺☺ = Rs.....

**State True or False**

**A16 In pie charts we represent the data in a circle.**

**A17 9000 ÷ 90 = 1000**

**A18 111 × 111 = 12,34,321**

**A19 5000g = 5kg**

**A20 Perimeter is the length of the boundary of a given figure.**

**SECTION -B**

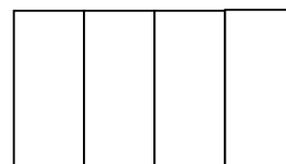
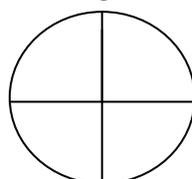
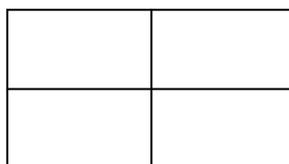
**(Attempt any 8 questions of this section)**

**B1 A water bottle contains 2 litres of water. Diya drank 350ml of water and her friend Rashmi drank 400 ml. How much water is left in the bottle?**

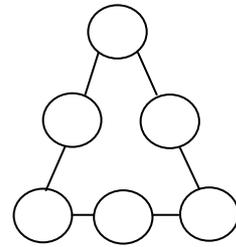
**B2 Draw circles of following radius, then mark the centre and show the radius.**

- a) 3 cm      b) 6 cm

**B3 Shade/Colour the half ( 1/2 ) of the given figures -**



**B4** Use number from 1 to 6 and fill the blanks so that each side of the triangle add up to 11.



3

**B5** Tanmay is packing 15 Laddoos in a box. How many such boxes are required for packing 105 Laddoos?

3

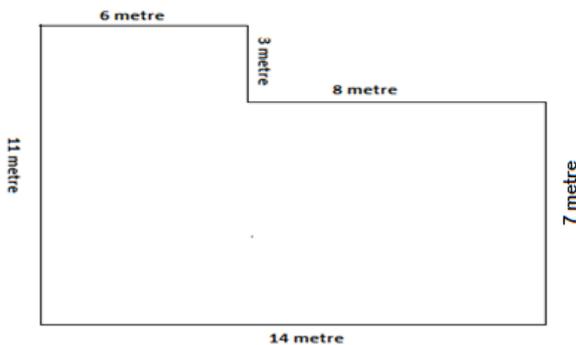
**B6** Calculate the value of following weights in grams.

3

a)  $\frac{1}{2}$  kg =?    b)  $\frac{1}{4}$  kg = ?

**B7** Find the perimeter of the following field -

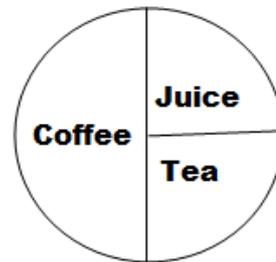
3



**B8** The following pie chart shows the drinks liked by the people in a Group. If there are 100 people in the group, then

3

- a) How many people like Tea?
- b) How many people like coffee?
- c) How many people like Juice?



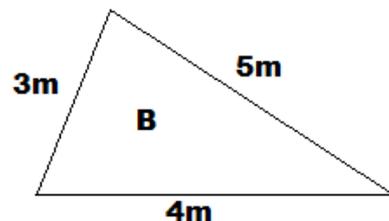
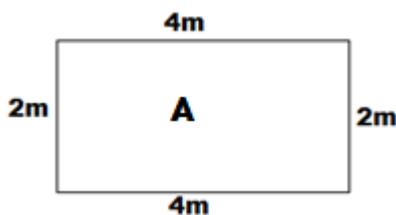
**B9** Find the difference -

3

$$100 \text{ l} - 89 \text{ l } 222 \text{ ml}$$

**B10** Calculate which of the following field has longer perimeter.

3



### SECTION -C

(Attempt any 7 questions of this section)

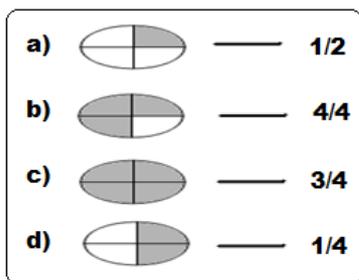
**C1** Draw a circle of radius 5cm. Show the following in the circle.

4

- a) Radius OP    b) Chord AB    c) Diameter CD

**C2** Match the correct shaded part -

4



**C3** Complete the following patterns -

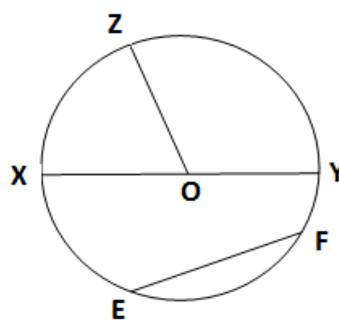
4

- a) Z1 , Y2 , X3 , W4 , ..... , .....
- b) 9AB , 8CD , 7EF , ..... , .....
- c) 123 , 234 , 345 , ..... , .....
- d) 989 , 889 , 789 , ..... , .....

**C4** Look at the following figure, then fill in the blanks

4

- a) OX is called a .....
- b) EF is called a .....
- c) XY is called a .....
- d) OZ is called a .....



**C5** See the following price list of fruits, then answer the following questions

4

Apples	Rs. 60 per kg
Mangoes	Rs. 90 per kg
Grapes	Rs. 28 per kg
Peaches	Rs. 20 per kg
Cherries	Rs. 80 per kg
Oranges	Rs.40 per kg

- a) Cost of  $\frac{1}{2}$  kg of Mangoes.....
- b) Cost of  $1\frac{1}{2}$ kg of Peaches.....
- c) Cost of  $\frac{3}{4}$  kg of Cherries.....
- d) Cost of 2kg oranges.....

**C6** Using numbers from 1 to 9 (do not repeat the numbers), complete the grid in such a way so that the sum of each row and column will be 15.

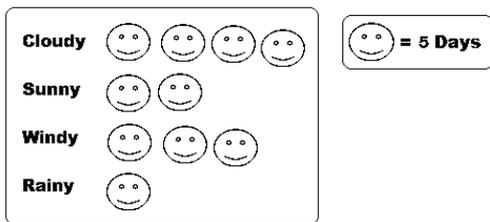
4

	5	

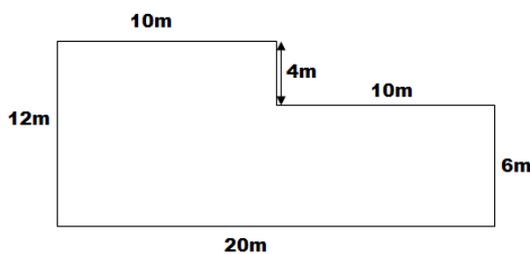
- C7** Abdul is using 3 pieces of stones of 5kg, 6kg and 2kg to weigh Firewood. Show how he will weigh the following weight with the help of the given stones. **4**



- a) 4 kg of fire wood.                      b) 3 kg of firewood.  
 c) 9 kg of firewood.                      d) 2 kg of firewood.
- C8** Arpana wants to make necklace of 24 pearls. How many such necklaces can be made by using 215 pearls? Also find how many pearls will remain after making the necklaces? **4**
- C9** Look at the pictograph of the weather of a town for a month and answer the questions that follow - **4**



- a) It was sunny for ..... days.  
 b) It was raining for ..... days.  
 c) It was ..... for the minimum number of days in the month.  
 d) There were more ..... days than windy days.
- C10** Shushmita has 25m of fencing wire to fence around his field shown in the figure. Find total length of the wire he needs to fence around. Also find how much wire he needs to purchase to complete the fencing? **6**



**SECTION – D**

**(Attempt any 3 questions of this section)**

- D1** A rectangular hockey field is 85 m long and 55 m wide. How long is the boundary of the field? If Sneha runs 5 rounds of the field, then find the distance covered by her? **6**

**D2** Lovely wants 1500 sacks of cement for making a house. A truck carries 250 sacks at a time. How many trips will the truck make? A driver charges Rs 400 for a trip. How much will Lovely pay to the driver for all the trips? **6**

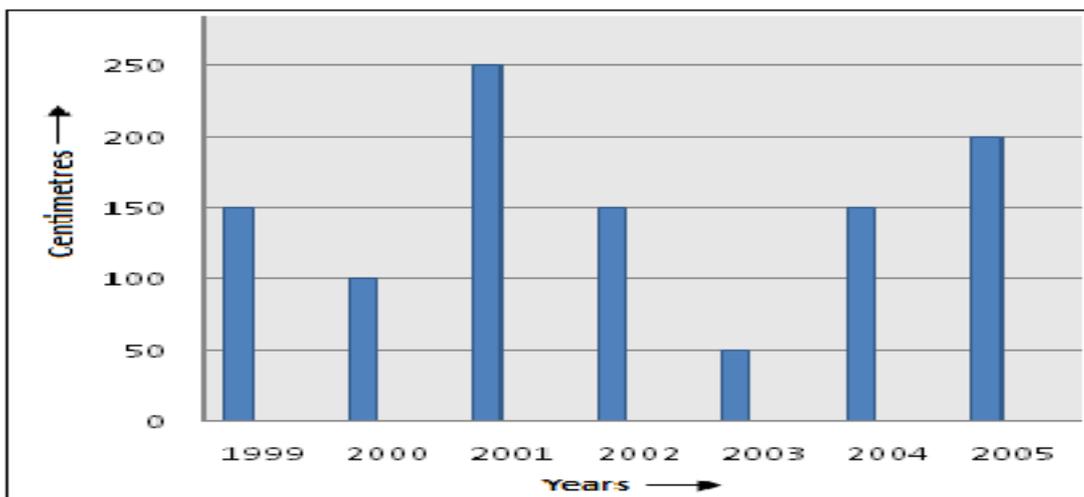
**D3** Daisy has to take 4 injections of 5ml each in a day. Doctor advised her to take the injections for next 5 days. How much medicine she needs for 1 day? And also find the quantity of medicine required for all 5 days. **6**

**D4** Solve the following questions - **6**

a) In a group of 48 children  $\frac{3}{4}$  like Mangoes and remaining like Oranges. Find the number of children who like Mangoes and oranges?

b) Cost of a pumpkin is Rs 40; Kundu wants to buy  $\frac{1}{4}$  part of it. Find the amount he needs to pay for it?

**D5** The Following Bar graph shows rainfall in a city over a few years: **6**



Now answer the following questions:

- In which year did the city receive the maximum rainfall?
- In which year was the city dry?
- In which years did the city receive the same amount of rainfall?
- In which year did the city get 100 cm of rain?
- How much lesser rainfall did it get in 2004 compared to 2001?
- How much lesser rainfall did it get in 1999 compared to 2005?

**ACTIVITY.**

**(10)**

