

FIRST TERMINAL EXAMINATION, 2016
MATHEMATICS

Time : 3 hrs.

Class - IV

M.M.: 100

Date – 17.09.2016

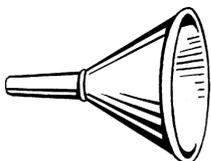
General Instructions :

- The question paper comprises 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 (1×20=20 marks)

Choose the correct option.

- A.1** Quarter of an hour has _____ minutes.
a) 30 minutes b) 15 minutes c) 45 minutes d) 60 minutes
- A.2** Which unit is most suitable to measure the length of a river ?
a) km b) m c) mm d) cm
- A.3** A brick has _____ number of faces.
a) 6 b) 8 c) 12 d) 10
- A.4** 2 hours has _____ minutes.
a) 60 minutes b) 120 minutes c) 180 minutes d) 240 minutes
- A.5** The highest unit of length is _____.
a) m b) mm c) cm d) km
- A.6** If the cost of 1 book is Rs. 22 then the cost of 10 books will be Rs. _____.
a) 300 b) 420 c) 220 d) 320
- A.7** If a horse has 4 legs then 200 horses will have _____ legs.
a) 600 b) 400 c) 800 d) 100
- A.8** Given picture shows the _____ view of a funnel.



- a) side b) top c) bottom d) none

- A.9** Rs. 250 was spent on 5 books. What is the cost of one book?
 a) Rs. 50 b) Rs. 100 c) Rs. 25 d) Rs. 150
- A.10** 1 day = 24 hours, so 5 days = _____ hours.
 a) 48 b) 120 c) 96 d) 72

Match the following :

Column A

Column B

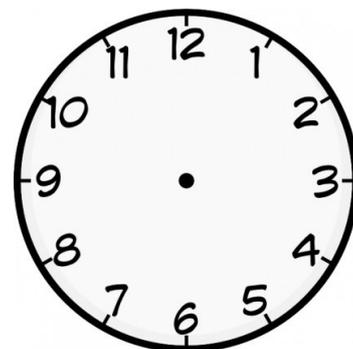
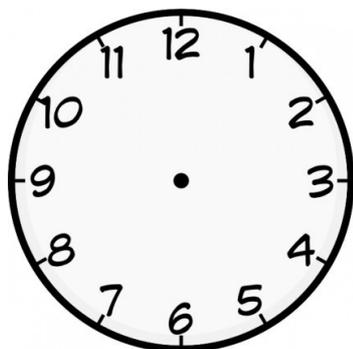
- | | |
|---|----------------------|
| A.11 Half an hour | Rectangular in shape |
| A.12 A dice has | 2400 |
| A.13 The basic unit of length is | 30 minutes |
| A.14 100 less than 2500 | 8 numbers of corners |
| A.15 Each face of a brick is | metre |

Fill in the blanks.

- A.16** $26 + 32 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} + 26 + 44$
- A.17** When the minute hand moves from 2 to 4 _____ minutes have passed.
- A.18** $3 \text{ km } 7\text{m} = \underline{\hspace{2cm}} \text{ m.}$
- A.19** $2042 + \underline{\hspace{2cm}} = 2042$
- A.20** Greatest 5 digit number is _____.

SECTION – B (Attempt any eight questions) (8×3=24 marks)

- B.1** Draw a Jharokha in a wall using the basic shape of a brick.
- B.2** Draw top, side and front view of a railway line.
- B.3** A group of 210 children want to go for a picnic. If one bus can carry 30 children then how many buses will be required?
- B.4** Draw hour hand and minute hand for the following time in the clocks.

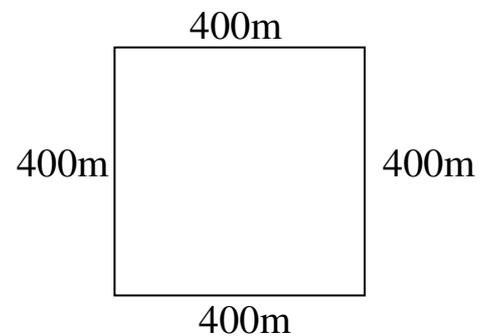


a) 15 minutes after 5 o'clock

b) 30 minutes before 12 o'clock

- B.5** A truck can carry 4000 bricks. How many bricks can such 10 such trucks carry?
- B.6** Find the difference between the largest and smallest 4 digit number formed by 4, 6, 8, and 1.
- B.7** Change into 24-hour clock time.
- a) 9:40 am b) 6:00 pm c) 11:15 pm

B.8 Look at the field given below. Raju took one round of this field every day. Find out –



- a) How far did he run?
- b) If Raju will take 4 rounds how much distance he will cover?

B.9 Find the product using expanded notation.

- a) $6057 \times 7 = \underline{\hspace{2cm}}$ b) $8135 \times 4 = \underline{\hspace{2cm}}$

B.10 In a long jump competition, Dhanu has the longest jump of 2 metres 40 cm. Raja is second. His jump is 20 cm less than Dhanu's jump. Rahul comes third. His jump is only 10 cm less than Raja's jump. How long are Raja's and Rahul's jump?

SECTION – C (Attempt any seven questions) (7×4=28 marks)

C.1 Arrange in vertical column and find the solution –

- a) $6436 + 981 + 10457$ b) $8732 + 4332 + 2470$

C.2 Change into 12 hour clock time.

- a) 0630 hours b) 0000 hours
- c) 1350 hours d) 2355 hours

C.3 Radha's height is 1m 32cm. Her brother Raju is 86cm taller than her. What is Raju's height?

C.4 Kishan the milkman collected 100 litres of milk and sold only 84 litres. Now how much milk is left with him?

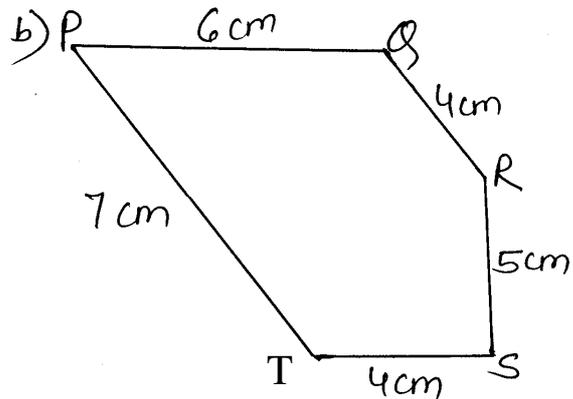
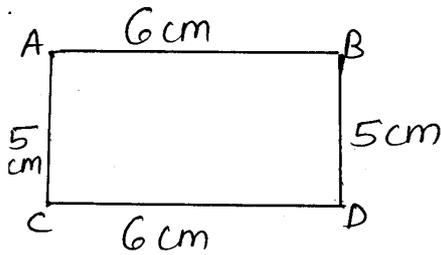
C.5 Draw the following patterns –

- a) A wall pattern b) A jaali pattern

C.6 Find the product using lattice multiplication.

- a) 36×15 b) 29×58

C.7 Find the perimeter of the following figures.



C.8 Read the following table and answer the questions.

Old bricks	Rs. 1200/- for 1000 bricks
New bricks from Intapur	Rs. 1800/- for 1000 bricks
New bricks from Brickabad	Rs. 2000/- for 1000 bricks

- a) If Bhajan wants to buy 4000 New bricks from Brickabad. How much did he pay?
b) Find the cost of 500 New bricks from Intapur.

C.9 Fill in the blanks with AM or PM.

- a) 7:30 in the morning. _____
b) 9:40 evening means 9:40 _____
c) I eat my lunch at 1:30 _____
d) I go to school in the morning at 6:55 _____

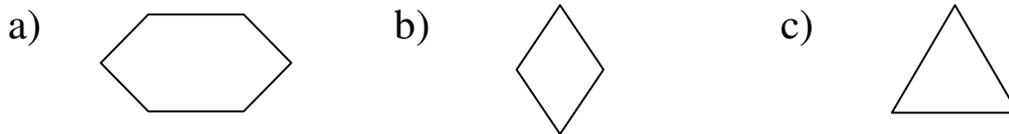
C.10 See the rate list of Kiran and answer the following questions.

Rate list	
Kind of Junk	Price of 1 kg
1. Waste paper	Rs. 4/-
2. News paper	Rs. 5/-
3. Iron	Rs. 12/-
4. Brass	Rs. 170/-
5. Plastic	Rs. 10/-

- a) How much will Kiran pay for 40kg news-paper?
- b) How much will Kiran pay for 2kg Brass?
- c) Find out the cost of 12kg of iron.
- d) What will be the cost of 5kg plastic?

SECTION – D (Attempt any three questions) (3×6=18 marks)

D.1 Draw Tessellations using following shapes.



D.2 Subtract and check your answer by addition.

- a) $69758 - 42631$
- b) $8765 - 325$

D.3 Here is a menu of a restaurant.

MENU	
Dosa	Rs. 50
Juice	Rs. 35
Cold drink	Rs. 20
Milk Shake	Rs. 40
Soup	Rs. 70
Cutlet	Rs. 20
Chips	Rs. 30
Samosa	Rs. 15

Prepare a bill for a customer who purchased the following items :

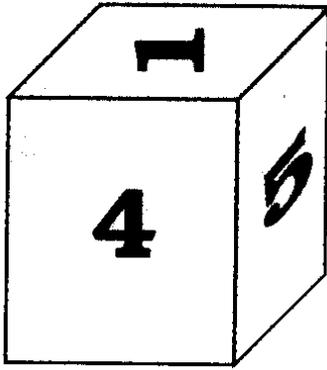
4-Cutlets, 2-Samosas, 2-Dosas, 3-Cold drinks, 2-Chips

D.4 There are different kinds of boats. Each boat has a different ticket price, and also different trip time.

Name of the boat	Ticket price	Trip time
Double Decker	Rs. 30/-	45 minutes
Paddle Boat	Rs. 15/-	30 minutes
Motor Boat	Rs. 25/-	20 minutes
Boat with Oars	Rs. 15/-	45 minutes

- a) Which boat makes two trips in 1 hour?
- b) Which boat takes less than half an hour to complete a trip?
- c) Indra and Bhanu first went in the motor-boat, and then took the Oar boat.
 - i) How much did they pay for both the boats?
 - ii) How much time did they get for both rides?
- d) Javed went twice for boating. He paid a total of Rs. 40 and boated for 50 minutes. Which two boats did he take?

D.5 See the following dice, the number on the opposite faces to each other adds up to 7.



- a) Which number is on the opposite side of 5?
- b) Which number is opposite to 4?
- c) Which number is opposite to 1?
- d) In the picture, which number is at the bottom?
- e) “3 and 5 are opposite to each other”, True / False ?
- f) “6 and 1 are opposite to each other”, True / False ?

ACTIVITY – (10 MARKS)

