

HALF YEARLY EXAMINATION, 2018-19
MATHEMATICS

Time : 3 hrs.

Class - IV

M.M. : 80

Date – 17.09.2018 (Monday)

Name of the student _____ Section _____

General Instructions –

- This question paper comprises **4 sections A , B , C and D.**
- You have to attempt all the sections.
- All the questions are **compulsory** in **Section A.**

SECTION-A

Choose the correct option.

(20×1=20)

A.1 A cube has _____ number of edges.

- a) 6 b) 5 c) 12 d) 10

A.2 The smallest number made by using 4, 3, 6, 0 is –

- a) 3046 b) 4036 c) 6034 d) 6430

A.3 100 less than 956 is –

- a) 1056 b) 856 c) 143 d) none of these

A.4 Distance from the earth to the moon is measured in –

- a) km b) m c) cm d) mm

A.5 A tricycle has 3 wheels 8 tricycle will have _____ wheels

- a) 20 b) 24 c) 16 d) 36

Fill in the blanks.

A.6 Three quarters of an hour = _____ minutes.

A.7 The greatest 5 digit number is _____.

A.8 If $28 + 47 = 75$ then $75 - \underline{\hspace{2cm}} = 28$.

A.9 6 days after 30th January _____.

A.10 _____ days make a fortnight.

Find the value.

- A.11** $296 \times 50 = \underline{\hspace{2cm}}$
- A.12** $36 + 64 + 400 = \underline{\hspace{2cm}}$
- A.13** $26 + 32 + 44 = \underline{\hspace{2cm}} + 26 + \underline{\hspace{2cm}}$
- A.14** 5 minutes = $\underline{\hspace{2cm}}$ seconds.
- A.15** $7395 - \underline{\hspace{2cm}} = 7394$.
- A.16** **Match the following.**

Column A

- i) Difference of 597 and 438
- ii) A cuboid has
- iii) Opposite faces of dice add upto
- iv) 46070 paise
- v) The basic unit of length is

Columns B

- a) Rs. 460.70
- b) metre
- c) 159
- d) 8 corners
- e) 7

SECTION - B

Solve any 6 questions out of 8.

(6×3=18)

- B.1** Draw a Jaali pattern using basic shape of bricks.
- B.2** Solve the following :
- a) $\underline{\hspace{2cm}}$ cm = 8m.
 - b) $15068 \text{ m} = \underline{\hspace{2cm}}$ km $\underline{\hspace{2cm}}$ m.
 - c) $4\text{m } 18\text{cm} = \underline{\hspace{2cm}}$ cm.
- B.3** Group the numbers and add.
- a) $645 + 123 + 15 + 27$
 - b) $760 + 120 + 40 + 80$
- B.4** Draw the top, side and front view of a railway line.
- B.5** In a marathon race people run about 60 km. If the people run in a stadium, on 600m track then how many rounds will they take to complete the marathon race?
- B.6** Sita studies for 2 hours 40 minutes everyday. On Sunday, she put in 1hour 15 minutes of extra work. Find out the total time she studies on Sunday.

B.7 Heena bought 3 ice creams for Rs. 21, Rs. 25 and Rs. 38. How much money will she get back from a Rs. 100 note.

B.8 Arrange in columns and find the sum :

a) 8km 8m ; 10km; 11 km 11m

b) 40 km – 36 km 20m

SECTION-C

Solve any 6 questions out of 8.

(6×4=24)

C.1 Subtract and check your answer by addition $69,758 - 43,894$

C.2 Change into 24-hours clock time.

a) 7:30 AM

b) 12 noon

c) 6:00 PM

d) 11:15 PM

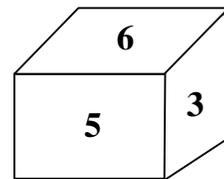
C.3 Look at the dice shown below and answer.

a) _____ is on the opposite side of 3.

b) _____ is at the bottom.

c) The number on the opposite face of dice add upto _____.

d) Which number will you see if you again turns left from 3 ? _____

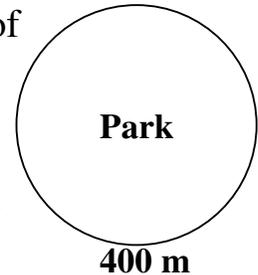


C.4 Look at the circular park given below. The total length of boundary of circular park is 400m.

Find out :

a) If Raju takes 3 rounds of the circular park how much distance did he cover?

b) How many rounds of the park must Raju run to cover a distance of 2 km?



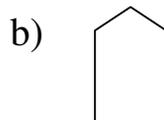
C.5 Ajay scored 45 marks in his 2nd maths test and twice as much in his 3rd test. If he scored a total of 200 marks in 3 tests, what was his score on the 1st test.

C.6 What costs more and by how much ?

Burger – Rs. 60.50

Pizza – Rs. 75.45

C.7 Draw tessellations using following shapes.



C.8 Here are the Indian and world records for some jumps. Read the table given below and answer the following questions.

Sports	World record	Indian record
High Jump (men)	Javier S (2m 45cm)	Chandra Pal (2m 17cm)
Long Jump (men)	Mike P (8m 95cm)	Amrit Pal (8m 8cm)
High Jump (women)	Stefka K (2m 9cm)	Bobby A (1m 91cm)
Long Jump (women)	Galian C (7m 52cm)	Anju G (6m 83cm)

- How many centimeters more should Chandra Pal jump to equal the Men's world record for high jump?
- Find the difference between the women's world record of longest and the highest jump?

SECTION – D

Solve any 3 questions out of 5.

(3×6=18)

D.1 See the table and answer the following questions.

Type of bricks	Cost of 1000 bricks
Old bricks	Rs. 1200
New bricks from brickabad	Rs. 2000
New bricks from Intapur	Rs. 1800

- Rajan decided to buy the new bricks from brickabad. He bought three thousand bricks. How much did he pay ?
- What amount will be pay if he buys 500 old bricks?

D.2 From a rope measuring 25m 75cm, 2 pieces measuring 11m 35cm and 6m 70cm were cut. Find the remaining length of the rope.

D.3 What time will it be ?

- 4 hours after 6:30 PM ?
- 25 minutes before 12:30 PM ?
- 3 hours after 3:05 AM ?
- 20 minutes after 9:15 PM ?
- 2 hours before mid night ?
- 2 hours 30 minutes after 12 noon ?

D.4 Look up the rate list and answer the following questions.

Rate List	
Kind of Junk	Price of 1 kg
i) Waste Paper	Rs. 4/-
ii) News Paper	Rs. 5/-
iii) Iron	Rs. 12/-
iv) Brass	Rs. 170/-

How much will Kiran pay for -

- a) 42 kg News Paper ?
- b) 18 kg of Iron ?
- c) 6 kg of Brass ?

D.5 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 gives them the most time taking the least money?
- 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) One group of children went for the double-decker trip. They paid Rs. 450 in total. How many children went for the double-decker trip.

