HALF YEARLY EXAMINATION, 2024-25
MATHEMATICS

Time – 3:00 Hrs.   Class – IV   M.M. : 80

Date – 11.09.2024 (Wednesday)

Name of the student _____ Section _____

GENERAL INSTRUCTIONS:
- Question Paper Structure: The paper is divided into two sections: Section A and Section B.
- Section A:
  - Questions 1 to 4 each carry 1 mark.
  - Question 5 carries 2 marks each.
- Section B:
  - Questions 6 to 10 carry 3 marks each. (options are given for Q.No. 9 and Q.No.10)
  - Questions 11 to 15 carry 4 marks each. (options are given for Q.No. 13 and Q.No.14)
  - Questions 16 to 18 carry 5 marks each. (options are given for Q.No. 16 and Q.No.18)
- Provide complete calculations for questions in Section B.
- Show all required calculations neatly and clearly in the right hand margin.
- Draw neat and clean diagrams wherever needed.

SECTION-A (OBJECTIVE TYPE QUESTIONS)

Q1. **Choose the correct options for the following:**   (10x1=10)

i) Each face of a brick is _____ in shape.

   a) Circle   b) Square   c) Rectangle   d) Triangle

ii) Length of a ten-rupee note is measured in_____

   a) centimetre   b) metre   c) kilometre   d) none of these

iii) Which pair of numbers add upto more than 500?

   a) 152 and 241   b) 321 and 192   c) 99 and 299   d) 401 and 91

iv) Three quarters of an hour is =_____

   a) 30 mins   b) 40 mins   c) 45 mins   d) 55 mins

v) How many faces does a brick have?

   a) 4   b) 6   c) 8   d) 12

vi) Any day of a month <u>can repeat itself</u> for maximum _____ times.

   a) 3   b) 4   c) 5   d) 2

vii) Which of the following is an example of a top view?

   a) Looking at a tree from the ground. b) Looking at a house from an airplane.

   c) Looking at a car from the side   d) Looking at a person standing in front of you.

viii) A pen costs Rs. 15. What is the cost of 6 such pens?

   a) Rs 100   b) Rs 90   c) Rs 50   d) Rs 200

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ix) Which among this is the longest length?

    a) 1 metre   b) 1 centimetre   c) 1 kilometre   d) 10 metres

x) A spoon is placed on the table. Which view of the spoon is shown in the picture.

    a) Top view   b) Front view   c) Side view   d)None of these

Q2. **Fill in the blanks:**   **(4x1=4)**

i) Each face of a dice is _____in shape.

ii) The unit used to measure the height of a flagpole is_____.

iii) There are _____ divisions on the face of the clock.

iv) There are _____ years in a century.

Q3. **Match the columns:**   **(4x1=4)**

    Column A   **Column B**

i) Cuboid has   a.   2322

ii) 6 km 945 m   b.   Hour hand

iii) 100 more than 2222   c.   8 corners

iv) The shortest hand of the clock   d.   6945 m

Q4. **Write True or False:**   **(2x1=2)**

i) 1 kilometer is shorter than 500 metres._____

ii) 15 minutes past 6 is written as 6:15. _____

Q5. **Solve.**   **(5x2=10)**

i) A truck can carry 5000 bricks. How many bricks can 10 such trucks carry?

ii) Draw a net of a cuboid.

iii) The distance between Neha's house and her school is 5 kilometres. How many metres is it?

iv) Using the digits 1, 8, 7, 4, 0 form the greatest 5-digit number _____

v) Write the time shown by the clock in 2 different ways.

        _____

        _____

SECTION-B (SUBJECTIVE TYPE QUESTIONS)

Read the following questions and solve. (5x3=15)

Q6. Using the basic shape of the brick draw a **'JAALI PATTERN'**.

Q7. Draw top view, side view and front view of a Railway track.

Q8. How much time is there between.

i) 7 AM to 7:45 AM _____

ii) 8 AM to 4 PM _____

iii) 4:40 PM to 5:00 PM _____

Q9. Attempt either Q.No. 9(A) or Q.No. 9(B).

(A) Convert the following:

i) 9000 m =_____km

ii) 4 km 250 m =_____m

iii) 357cm =_____m _____cm

OR

(B) Ruchi's height is 2 m 42 cm. Her brother Rishi is 90 cm taller than her. What is Rishi's height?

Q10 i) Find the difference between the largest and smallest 4-digit number formed by the digits 5, 7, 9, 1.

OR

ii) Subtract and check your answers.
69758 – 42631.

Solve. (5x4=20)

Q11. Draw the tessellations of the following shapes.

(i) ▲   (ii) ◆

Q12. Arrange in columns and solve:

i) 14 m 99 cm + 11 m 98 cm

ii) 19 km 656 m – 12 km 400 m

Q13. (i) A group of 210 children are going for a trip. If the capacity of the bus is 50, how many buses are required and how many children will be left?

OR

(ii) Using the numbers from 1 to 9 only once, complete the magic square so that the total in each row and column is 15.

	5	

Q14. Attempt either Q.No. 14(A) or Q.No. 14(B).

(A) Change into 12-hour clock time.

i) 0730 hours _____   ii) 0800 hours _____

| | iii) | 1340 hours | _____ | | iv) | 1510 hours | _____ |

<div align="center">OR</div>

(B) Reema studies for 3 hours 30 min every day. On Sunday she studies for 1 hour 15 minutes extra. Find out the total time she studied on Sunday.

Q15. Look at the dice given below and answer the following questions.

i) Which number is on the opposite side of 6?

ii) Which number is on the opposite side of 5?

iii) Which number is at the bottom?

iv) What will be the total of two opposites of the dice?
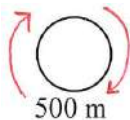
Solve. (3x5=15)

Q16. (i) From a rope measuring 25 m 75 cm, 2 pieces measuring 11m 35cm and 6m 70cm were cut. Find the remaining length of the rope.

<div align="center">OR</div>

(ii) Look at the circular park given below. The total length of boundary of circular Park is 500m. Find out:

500 m

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?

Q17. If the sum of 9375 and 6056 is subtracted from 19025 what will be the difference?

Q18. Attempt either Q.No. 18(A) or Q.No. 18(B).

(A) Write the following dates in short form:

i) 1st January 2000 _____

ii) 31st December1999 _____

iii) 14th November 2024 _____

iv) 5th September 2001 _____

v) 15th August 1947 _____

<div align="center">OR</div>

(B) Answer these questions from the following data below.

Elephant Appu's grandfather	95 years old
Chuchoo rat's grandfather	2 years old
Rani's grandfather	70 years old

i) How much older is Appu's grandfather than Rani's grandfather?

ii) Will Chuchoo's grandfather ever grow as old as Appu's grandfather?

iii) How much younger is Chuchoo rat's grandfather than Rani's grandfather?