Delhi Public School, Gwalior

Class – IV
Subject – Mathematics
Model Test Paper

Time- 1 Hr. 30 min.

Name_____ Sec_____Roll no_____ Date_____

Section – I

I   **Objective type.**

A.   Fill in the blanks.

1.   _____ is a factor of every number.

2.   A fraction shows part of a _____.

3.   6.66 ◯ 6.166 (use <, > or =)

4.   An angle whose measure is _____ is called a right angle.

5.   1 hour before 12 noon is _____.

6.   1 kg = _____ grams.

B.   Say whether the given statements are 'True' or 'False'.

1.   Area of a rectangle = side × side   _____

2.   A cone has one curved surface.   _____

3.   An isosceles triangle has two equal sides.   _____

4.   4, 8, 12, 14 are all multiples of 4.   _____

C.   Match the following.

1.	811 cm	right angle	(	)
2.	90^0	$4\frac{1}{9}$	(	)
3.	A ray	8 m 11 cm.	(	)
4.	$\frac{37}{9}$	⟶	(	)

D.   Tick (√) the correct option.

1.   The measure of a straight angle.

(a) 90^0 (b) 180^0 (c) 360^0 (d) 0^0

2.   The decimal form of 'seven tenths' will be -

(a) 0.7   (b) 0.07   (c) 0.007   (d) 0.0007

3.   The largest five digit number is _____.

(a) 10000   (b) 09999   (c) 19999   (d) 99999

4.   The diameter of a circle is _____ its radius.

(a) twice   (b) thrice   (c) half   (d) none

Section – II

II   Mental Maths.

1.   Cross out the numbers that are not the factors of encircled number.

(42) : 1, 2, 3, 4, 6, 7, 8, 12, 21, 42.

2.   Give the next two numbers in the following pattern:

1.92,   1.93,   1.94,   _____,   _____

3.   Convert

(a) $\dfrac{40}{9}$ =   _____ (into mixed fraction)

(b) $3\dfrac{4}{7}$ =   _____ (improper fraction)
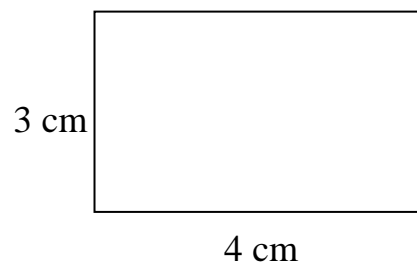
III   Find the solution.

1.   Find the HCF of the following using the common division method.

30,   36

2.   Find the LCM of the following pair:

20,   50

3.   Solve

(a) $\dfrac{1}{2} + \dfrac{1}{3}$ (b) $\dfrac{7}{5} + \dfrac{4}{5}$

4.   Convert

(a)   53.2 km to m

(b)   125 dm to cm.

5.   Find the area of the shape whose length = 8 cm and breadth = 12 cm.

6.   Find the difference in time between

5 : 45 a.m.   and 6 : 35 a.m.

7.   Solve

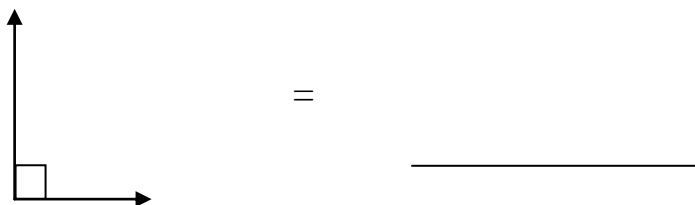(a)   3 5 1 2 ÷ 5   (b)   4 3 7 × 4 8

Section – IV

IV   Pictorial Questions + Construction.

1.   Find the area of the following shape in sq cm.   3 cm
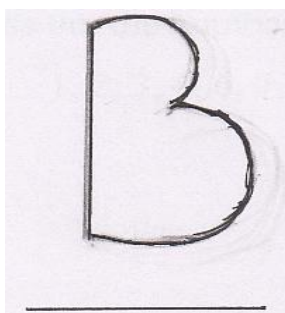
    4 cm

2.   Measure the given angle with protractor. Then state what type of angle it is.
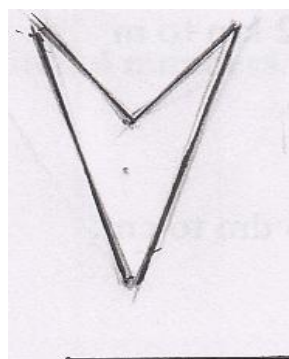
    =

    _____

3.   Write whether these shapes are symmetrical or not.

    (a)   (b)

Section – V

V   Word problems: (Any two)

1.   Roma paid ₹140 for a book. Her sister paid ₹15.25 more to buy the same book. How much did Roma's sister pay for the book?

2.   If $3\frac{2}{3}\,m$ of wire is cut from a length of $5\frac{1}{2}\,m$, how much wire is left?

3.   One egg has a mass of 50g. How many such eggs will make up 2 kg?

Section – VI

VI   Twisted Question.

Write the numeral for the given number name and put commas according to International system. Also write in word form.

Seven lakh fifty thousand two hundred five

_____

_____

_____