Date of Exam: 14.03.19
Time Allotted: 2 hours   **Max. Marks: 40**

(Note: This question paper consists of 2 printed pages. Please check that you have all the pages.)

I. Fill in the blanks.   (½ ×12=6)

a) The 8th multiple of 7 is _____.

b) A _____ always passes through the centre of the circle.

c) Fraction of O's there in the word 'SCHOOL' is _____.

d) $\frac{2}{8} = \frac{}{24}$

e) _____ grams make two kilograms.

f) _____ is a factor of every number.

g) Diameter of a circle = 2 ×_____.

h) The standard unit to measure length is _____.

i) 2 days 10 hours = _____ hours.

j) The perimeter of a square with side 6cm is _____.

k) The length of the boundary of a closed figure is known as its _____.

l) A leap year has _____ days.

II. Do as directed.   (1 ×6= 6)

1. Convert   i) $\frac{100}{15}$ into mixed fraction.   ii) $11\frac{3}{7}$ into improper fraction.

2. Draw symmetrical line(s).   i)   ii)

3. Convert to the 12-hour format.   i)14:20 hours   ii) 06:30 hours

4. Draw a factor tree of 48.

5. Convert   i) 30kg 95g to g.   ii) 8488 m to km and m.

6. Convert to the 24-hour format.   i) 5:50 p.m.   ii) 2:30 a.m.

III. Find the answers.   (1½×4 =6)

1. Identify the fractions.

   i) $\frac{1}{5}, \frac{1}{3}, \frac{1}{9}, \frac{1}{2}, \frac{1}{4}$.

   ii) $\frac{2}{18}, \frac{25}{18}, \frac{10}{18}, \frac{24}{18}, \frac{3}{18}$.

   iii) $\frac{3}{5}, \frac{15}{13}, \frac{16}{11}, \frac{2}{9}, \frac{13}{7}$.

2. Write.

   i) Any two multiples of 18 that are 2 digits.

   ii) Any two multiples of 13 that are less than 40.   iii) 5th multiple of 15.

3. Draw a circle of radius 5cm. and name its centre, radius and diameter.

4. Draw a rectangle ABCD, write its opposite sides and diagonals.

IV. Solve.   (2×6 =12)

1. a) Add 11km 267m; 8km 350m; and 9km 75m.

   b) Subtract 6kg 305g from15 kg 225 g.

2. a) Arrange in ascending order. $11\frac{3}{5}, 5\frac{1}{7}, 7\frac{4}{9}, 2\frac{3}{4}$.

   b) Arrange in descending order. $\frac{8}{13}, \frac{5}{13}, \frac{7}{13}, \frac{2}{13}$.

3. Draw clocks to show the following timings.

   i) Quarter to 5.   ii) Half past 9.

4. Find all factors of   i) 65   ii) 39
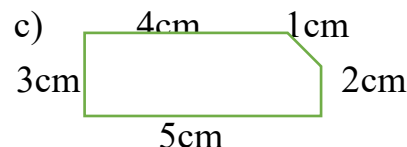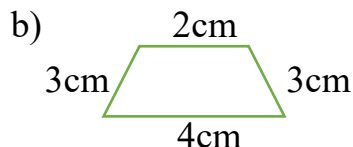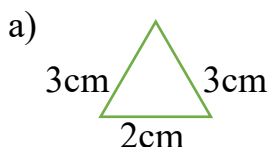
5. Find the lowest common multiple of 4 and 6.

6. Find   i) $12\frac{7}{18} - 5\frac{3}{18}$ ii) $2\frac{3}{17} + 3\frac{2}{17} + 2\frac{6}{17}$

V. Solve.   (3×2=6)

1.Find the perimeter of the following figures.

a)   b)   2cm   c)   4cm   1cm

   3cm 3cm   3cm   3cm   3cm   2cm

      2cm   4cm   5cm

2.a) The perimeter of a square is 24 cm. Find the side of the square.

   b) A rectangle has a length of 7cm, breadth 4cm. Find its perimeter.

VI. Word problems.   (4× 1 = 4)

1. a) Ramu weighs 42kg while his baby sister weighs 6kg 700g. How much heavier is Ramu than his sister?

   b) Geeta walked $\frac{2}{15}$ km to school. She then walked $\frac{3}{15}$ km to the market, and $\frac{4}{15}$ km to the Gym. What is total distance she walked?