SUMMATIVE EVALUATION 1: 2018-19

Standard : Seventh **Subject : Mathematics [Oral and Practical]**

Oral : (Marks: 5)

M1 : Write simplest form $\frac{12}{14}$

M2: Write two factors of 27

M3: The numbers which have only 1 as a common factor are said to be _____

M4: The price of milk is 1 litre = Rs 40 , then what is the bill of Month of October?

M5: 9^2 = _____

Practical: (Marks: 5)

Activity	A	B	C	D	E
Draw a line segment of length 7 cm	7	6.5	5	9	7.5
Take a rectangular piece of paper . f count its length and breadth and find its area	Length 7 cm breadth 5 cm	Length 8 cm breadth 4 cm	Length 14 cm breadth 8 cm	Length 7 cm breadth 6 cm	Length 9 cm breadth 5 cm
Draw a number line and show the following numbers on it	$\frac{-3}{2}$	$\frac{5}{7}$	$\frac{3}{2}$	$\frac{6}{6}$	$\frac{-5}{2}$
Draw a segment and take a point above the segment and draw a parallel line through the given .	-	-	-	-	-
Draw a circle with given radius and show diameter, chord and centre in it.	3.5	4	4.5	3.8	4.6

WRITTEN:

Questions: 1 to 3 each sub -questions carries 1 marks each

Q. 1. A] Write the following number in words :

*74059*_____

B. Write the following number in figures

Sixty nine thousand eight hundred and nine _____

C. Add

7 4 2 7

\+ 2 5 6 1

_____

D. Add

2051 + 981

E. Subtract

6438 - 1576

F. Multiply

709 X 35

G. Divide :

2456 ÷ 9

H . Write in expanded form :

62427 =_____

J. Mayuri had rupees 5000. She spent two thousand seven hundred and fifty rupees for books. So how much rupees does she have now?

K. If 1700 rupees are distributed 25 persons. Then much rupees will get each person ?

Q.2. Solve the following equations:

A. $4x + 7 = 15$

B. $G + 9 = 27$

C. $5(x + 15) = 90$

D. $25 = \frac{100}{P}$

E. If the side of the rectangular ground is 16 m . Then find its area

F. Find the H.C.F of 120 and 150

G. Convert into percentage : $\frac{9}{25}$

H. Draw an angle with 70^0 and bisect it .

J. Solve

$8 + 3 \times 4$

K. Draw segment PQ with 8 cm and draw its perpendicular bisector.

Q.3.Solve

A. $(-7) \times (-4) =$

B. Find the prime factors of 35. [encircle the given answer]

a) $5 \times 3 \times 2$ 2. 5×7 3. 10×3 4. $3 \times 4 \times 5$

C. What is measure of complementary angle of 22^0 _____

D. What is the measure of supplementary angle of 47^0

E. Find the L. C.M of 114 and 76

F. Write the multiplicative inverse of $\frac{-3}{7}$

G .Complete

$6^4 \times 6^2 \times 6^8 = 6^{\square}$

H. Add in vertical arrangement

$4m + 3b - 16e$, $9m - 2b + 15e$

J. Draw the diagram:

Supplementary angles that are not adjacent .

K. A rectangle is (8x + 5) cm long and (5x + 3) cm broad. Find its area.

Q.4 .A . Construct triangle STU such that /(ST)= 7cm , /(TU)= 4 cm and / (SU)= 5 cm [Marks: 2]

B. Find the decimal form of $2\frac{1}{3}$ [Marks: 2]

C. Solve : (-85) ÷ 20 [Marks: 2]

D. Find the value : $(-6)^3$ [Marks: 2]

E. In triangle ABC , angle A angle B and angle C are interior angles. Then Measure angle A + measure angle B + Measure angle C = _____^{0} [Marks: 2]

Q.5. A. Find the square root of 1369 [Marks: 2]

B. The sum a square of number and 20 is 1044 . Then find that number. [Marks: 2]

C. Write in positive indices: [Marks: 2]

$$\left[\left(\frac{2}{7}\right)^{-2}\right]^3$$

Rakesh's age less than Saniya's age by 5 years. The sum of their ages is 27 years . How old are they? Marks: 2]

E. Draw a joint bar graph for given data. [Marks: 2]

Persons / Booth No →	1	2	3	4	5
Men	200	270	560	820	850
Women	700	240	340	640	470

[Scale : On Y axis 1 cm = 100]