

Tsi7M

Tenkasi District
Summative Assessment - 2025



16-04-25

Standard 7

Time: 2.00 Hours

MATHS

Marks: 60

Part - A**I. Choose the correct option:****5x1=5**

- 1) Subtract 1.35 from 3.51
a) 6.21 b) 4.86 c) 8.64 d) 2.16
- 2) $0.05 \div 0.5 = ?$
a) 0.01 b) 0.1 c) 0.10 d) 1.0
- 3) 0.07% is
a) $\frac{7}{10}$ b) $\frac{7}{100}$ c) $\frac{7}{1000}$ d) $\frac{7}{10,000}$
- 4) $(5 + 20) (-20 - 5) = ?$
a) -425 b) 375 c) -625 d) 0
- 5) A is a flip over a line
a) Translation b) Rotation
c) Reflection d) Glide Reflection

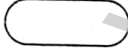
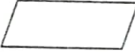
II. Fill in the blanks:**5x1=5**

- 6) $7.01 \times 100 = \dots\dots\dots$
- 7) Decimal Value of 142.5% is
- 8) $(p - q)^2 = \dots\dots\dots$
- 9) A is a slide move without turning or flipping the shape
- 10) The average of the marks 2, 9, 5, 4, 4, 8, 10 is

III. Write True? or False?:**5x1=5**

- 11) $7.5 - 3.4 = 4.9$
- 12) $60\% = \frac{6}{10}$
- 13) 2P is a factor of 8pq
- 14) $x < -y$ can be rewritten as $-y < x$
- 15) Mean is a representative value of the entire data

IV. Match the following:**5x1=5**

- 16)  - Reflection 4
- 17)  - translation 5
- 18)  - Input / output 2
- 19)  - Start / End 1
- 20)  - Rotation 3

Tsi7M

2

Part - B

V. Answer any 10 of the following:

10x2=20

- 21) Round 52.6583 upto 2 places of decimal
- 22) Multiply : 453.03×7
- 23) Simplify : $0.87 + 1000$
- 24) Convert $2\frac{1}{4}$ to percentage
- 25) Find the simple interest on ₹35,000 at 9% per annum for 2 years?
- 26) Convert 93.1% to decimal
- 27) Evaluate the following using suitable identity 297×303
- 28) Expand: $(mn + 3p)^2$
- 29) Solve: $2x + 4 < 18$, where x is a natural number
- 30) Define: Rotation
- 31) The marks obtained by 11 students of a class in a test are 23, 2, 15, 38, 21, 19, 23, 23, 26, 34, 23.
- 32) Find the median of the given data: 35, 25, 34, 36, 45, 18, 28
- 33) Simplify : $(a + b)^2 - 4ab$

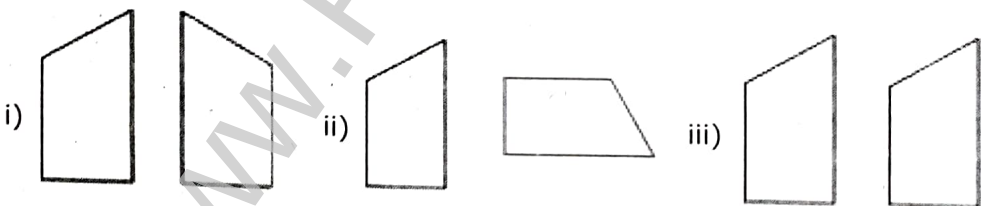
SIVAKUMAR M
Sri Ram Muttaric HSS
Vallam-622829
Tenkasi Dist.

Part - C

VI. Answer any 5 of the following:

5x3=15

- 34) Divide 9.55 kg of sweet among 5 children. How much will each child get?
- 35) There are 560 student in a school. Out of 560 students, 320 are boys. Find the percentage of girls in that school
- 36) In what time will 17800 amount to 19936 at 6% per annum?
- 37) Factorise: $36m^2 + 60m + 25$
- 38) Solve the inequation: $6(x+6) \geq 5(x-3)$, x is a whole number
- 39) Identify the transformation



- 40) The marks of 14 students in Science test out of 50 are given below. 34, 23, 10, 45, 44, 47, 35, 37, 41, 30, 28, 32, 45, 39 find the mean mark
- 41) Construct the flow chart to explain the process of finding the greatest number among the given 3 natural numbers and write step by step process

Part - D

VII. Answer any one of the following:

1x5=5

- 42) Construct a circle of radius 5cm with centre O.

(OR)

- 43) Draw concentric circles with radii 3.5cm and 6.5cm. Find its width
