



Padalsalai's Telegram Groups!

(தலைப்பிற்கு கீழே உள்ள லிங்கை கிளிக் செய்து குழுவில் இணையவும்!)

- **Padalsalai's NEWS - Group**
https://t.me/joinchat/NIfCqVRBNj9hhV4wu6_NqA
- **Padalsalai's Channel - Group**
<https://t.me/padasalaichannel>
- **Lesson Plan - Group**
<https://t.me/joinchat/NIfCqVWwo5iL-21gpzrXLw>
- **12th Standard - Group**
https://t.me/Padalsalai_12th
- **11th Standard - Group**
https://t.me/Padalsalai_11th
- **10th Standard - Group**
https://t.me/Padalsalai_10th
- **9th Standard - Group**
https://t.me/Padalsalai_9th
- **6th to 8th Standard - Group**
https://t.me/Padalsalai_6to8
- **1st to 5th Standard - Group**
https://t.me/Padalsalai_1to5
- **TET - Group**
https://t.me/Padalsalai_TET
- **PGTRB - Group**
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- **TNPSC - Group**
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SLIP TEST -1

GOVERNMENT HIGHER SECONDARY SCHOOL -BARUR

TIME: 30 MINS

VIII STD

MARKS: 30

I Fill in the blanks**(10X1=10)**

- The value of x in the equation $x + 5 = 12$ is _____.
- The value of y in the equation $y - 9 = (-5) + 7$ is _____.
- The value of m in the equation $8m = 56$ is _____.
- The value of p in the equation $2p/3 = 10$ is _____.
- The linear equation in one variable has _____ solution.
- The solution of the equation $ax + b = 0$ is _____.
- If a and b are positive integers then the solution of the equation $ax = b$ has to be always _____.
- One-sixth of a number when subtracted from the number itself gives 25. The number is _____.
- If the angles of a triangle are in the ratio 2:3:4 then the difference between the greatest and the smallest angle is _____.
- In an equation $a + b = 23$. The value of a is 14 then the value of b is _____.

II Say True or False**3X1=3**

- The shifting of a number from one side of an equation to other is called transposition.
- Linear equation in one variable has only one variable with power 2.
- "Sum of a number and two times that number is 48" can be written as $y + 2y = 48$

III Match the following :**5X1=5**

(a) $\frac{x}{2} = 10$

(i) $x = 4$

(b) $20 = 6x - 4$

(ii) $x = 1$

(c) $2x - 5 = 3 - x$

(iii) $x = 20$

(d) $7x - 4 - 8x = 20$

(iv) $x = \frac{8}{3}$

(e) $\frac{4}{11} - x = \frac{-7}{11}$

(v) $x = -24$

(A) (i), (ii), (iv), (iii), (v)

(B) (iii), (iv), (i), (ii), (v)

(C) (iii), (i), (iv), (v), (ii)

(D) (iii), (i), (v), (iv), (ii)

iv Answer the following**3X2=6**

- Find x : $20 - 2(5 - p) = 8$
- The sum of two numbers is 36 and one number exceeds another by 8. Find the numbers.
- One number is seven times another. If their difference is 18, find the numbers.

v Answer in detail

1

Find x and m : (i) $\frac{3x-2}{4} - \frac{(x-3)}{5} = -1$

- The length of a rectangle is $1/3$ of its breadth. If its perimeter is 64m, then find the length and breadth of the rectangle

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SLIP TEST -2

GOVERNMENT HIGHER SECONDARY SCHOOL -BARUR

TIME: 30 MINS

VIII STD

MARKS: 30

I Fill in the blanks**8x1=8**

1. X- axis and Y-axis intersect at _____.
2. The coordinates of the point in third quadrant are always _____.
3. (0, -5) point lies on _____ axis.
4. The x- coordinate is always _____ on the y-axis
5. _____ coordinates are the same for a line parallel to Y-axis.
6. $y = p x$ where $p \in \mathbb{Z}$ always passes through the _____.
7. The intersecting point of the line $x = 4$ and $y = - 4$ is _____.
8. Scale for the given graph , On the x-axis 1 cm = _____ units y-axis 1 cm = _____ units

II Say True or False**7X1=7**

1. $5(3x+2) = 3(5x-7)$ is a linear equation in one variable.
2. $x = 25$ is the solution of one third of a number is less than 10 the original number
3. (-10,20) lies in the second quadrant
4. (-9, 0) lies on the x-axis.
5. The coordinates of the origin are (1,1)
6. The points (1,1) (2,2) (3,3) lie on a same straight line.
7. $y = -9x$ not passes through the origin.

III Objective Type Questions**4x1=4**

1. Sum of a number and its half is 30 then the number is _____.
(a) 15 (b) 20 (c) 25 (d) 40
2. The exterior angle of a triangle is 120° and one of its interior opposite angle 58° , then the other opposite interior angle is _____.
(a) 62° (b) 72° (c) 78° (d) 68°
3. What sum of money will earn `500 as simple interest in 1 year at 5% per annum?
(a) 50000 (b) 30000 (c) 10000 (d) 5000
4. The product of LCM and HCF of two numbers is 24. If one of the number is 6, then the other number is _____.
(a) 6 (b) 2 (c) 4 (d) 8

IV Answer the following**3X2=6**

1. Find the quadrants without plotting the points on a graph sheet.
(3, - 4), (5,7), (2,0), (- 3, - 5), (4, - 3), (- 7,2), (- 8,0), (0,10), (- 9,50)
2. Will a line pass through (2, 2) if it intersects the axes at (2, 0) and (0, 2).
3. A line passing through (4, -2) and intersects the Y-axis at (0, 2). Find a point on the line in the second quadrant.

V Draw in graph sheet**1X5=5**

Plot the following points in a graph sheet.

A(5,2), B(- 7, - 3), C(- 2,4), D(- 1, - 1), E(0, - 5), F(2,0), G(7, - 4), H(- 4,0), I(2,3), J(8, - 4), K(0,7).

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