

**PRATIK SIR**

**M. No. 9601045015**

1.	(A) $\rightarrow 4X + 6Y - 18 = 0$	28.	$a_{34} = 205$
2.	(A) $\rightarrow -8$	29.	$s_{22} = -979$
3.	(B) $\rightarrow 4$	30.	$\sqrt{2}$ એકમ
4.	(C) $\rightarrow \sqrt{34}$	31.	$(X, Y) = (\frac{1}{2}, \frac{1}{2})$
5.	(D) $\rightarrow \frac{1}{4}$	32.	$\cos A = \frac{\sqrt{7}}{4}, \tan A = \frac{3}{\sqrt{7}}$
6.	(C) $\rightarrow 11$	33.	$A = 45^\circ, B = 15^\circ$
7.	અસંમેય	34.	AB = 10 મિટર
8.	6	35.	1232 cm <sup>3</sup>
9.	$\frac{1}{6}$	36.	704 cm <sup>2</sup>
10.	1	37.	Z = 3.28
11.	2	38.	s = 9, t = 6
12.	80 - 90	39.	Rs. 18000, Rs. 14000
13.	સાચુ	40.	n = 60
14.	ખોટું	41.	અસમરેખ બિંદુઓ છે.
15.	ખોટું	42.	2 : 7
16.	સાચું	43.	પ્રમેય 10 .2
17.	1275	44.	18 cm.
18.	108°	45.	Z = 44.7 ગાડી
19.	$\frac{1}{26}$	46.	(i) $\frac{1}{26}$ (ii) $\frac{10}{13}$ (iii) $\frac{1}{4}$
20.	4	47.	પ્રમેય 6.1
21.	c - $\pi r l$	48.	AD=2.4, AB=9.6, AC=7.2, $\Delta ADE \sim \Delta ABC$
22.	a - $\pi r^2 h$	49.	X = 40 km/hr.
23.	c - $\pi$	50.	$a_{51} = 210, s_{51} = 5610$
24.	a - $\frac{\theta}{360^\circ}$	51.	મધ્યક = Rs. 545.20
25.	$x = \frac{1}{2}, \frac{1}{2}$	52.	M = 3406. 98 ટકા
26.	$3x^2 - 3\sqrt{2}x + 1$	53.	(i) $\frac{1}{12}$ (ii) $\frac{1}{36}$ (iii) 1 (iv) $\frac{1}{6}$
27.	$x = \frac{1}{10}, \frac{1}{10}$	54.	(i) $\frac{2}{9}$ (ii) $\frac{1}{3}$ (iii) $\frac{4}{9}$ (iv) 0