

JEE MATH: From Basics to MAINS + ADVANCED





Free JEE 2024/25 COURSE

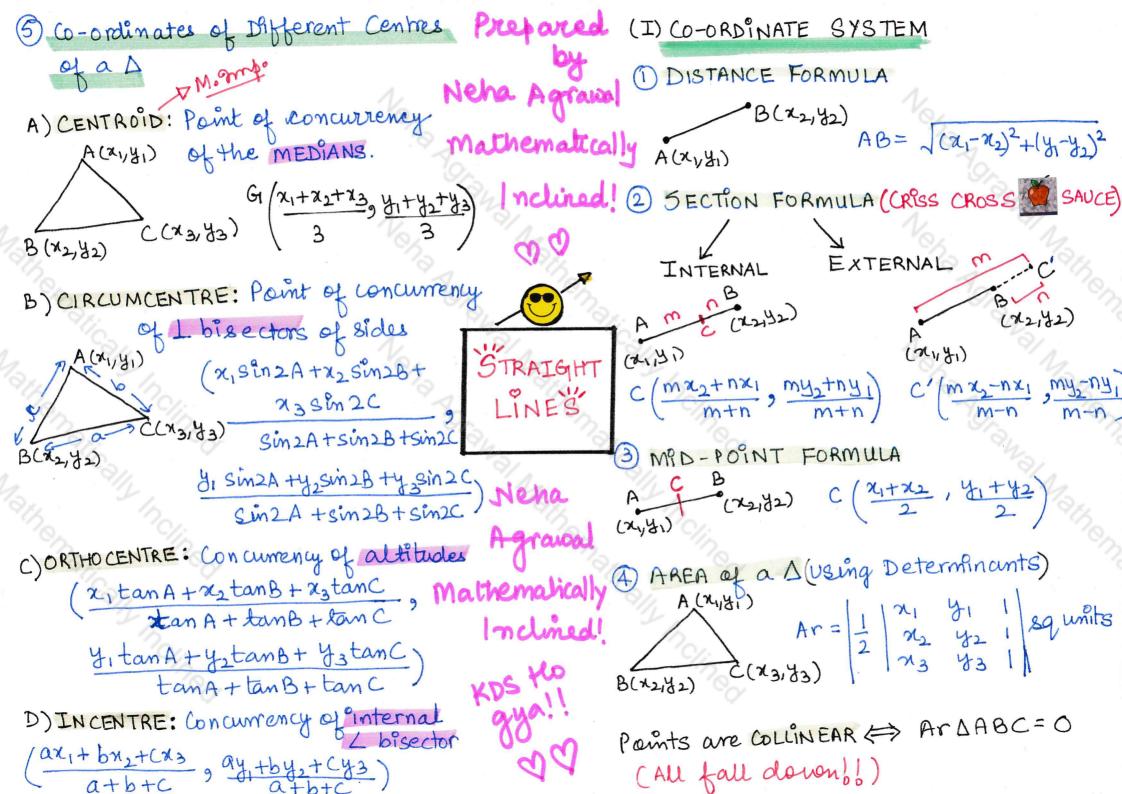
- **Foundation Sessions for starters**
- **Complete PYQ's (2015-2023)**
- **NTA + Cengage CHAPTERWISE Questions**
- My HANDWRITTEN Notes

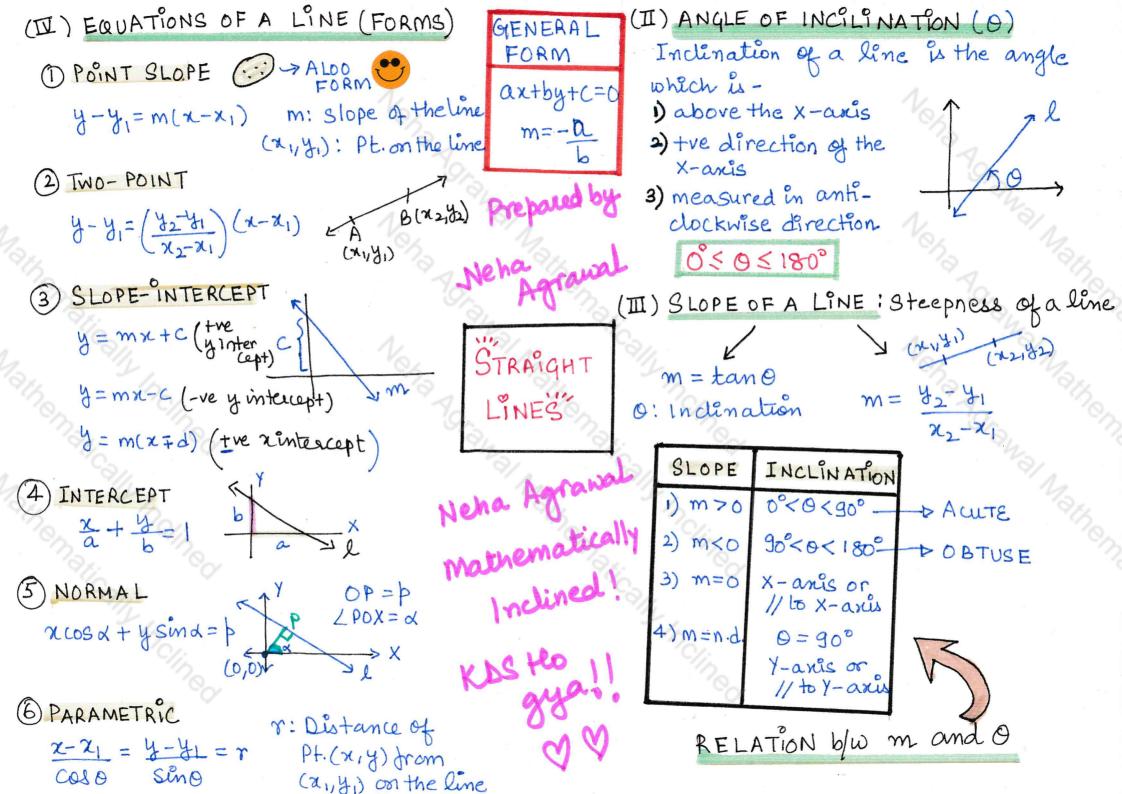
tinyurl.com/jeewithnehamam

WE DO NOT SELL ANY COURSES



For FREE & Focused JEE MATERIAL, CLICK to Join TELEGRAM: t.me/mathematicallyinclined





(VIII) Distance of a Point from a line prepare
$$d = \frac{|ax_1 + by_1 + C|}{\sqrt{a^2 + b^2}} \qquad \frac{d}{ax + by + c = 0} \qquad \text{Ne na}$$

$$Distance b/w 2 \text{ Parallel Lines} \qquad \text{Agra}$$

$$d = \frac{|C_1 - C_2|}{\sqrt{a^2 + b^2}} \qquad \frac{d}{ax + by + c = 0} \qquad \text{matter}$$

$$d = \sqrt{a^2 + b^2} \qquad \sqrt{ax + by + c = 0} \qquad \text{matter}$$

$$\frac{\lambda(x_1y_1)}{\alpha} = \frac{2(ax_1+by_1+c)}{a^2+b^2}$$

$$\frac{\lambda(x_1y_1)}{\alpha} = \frac{2(ax_1+by_1+c)}{a^2+b^2}$$

$$\frac{\lambda(x_1y_1)}{\lambda(x_1+by_1+c)} = \frac{2(ax_1+by_1+c)}{\lambda(x_1+by_1+c)}$$

$$\frac{\lambda(x_1x_1+by_1+c)}{\lambda(x_1+by_1+c)} = \frac{2(ax_1+by_1+c)}{\lambda(x_1+by_1+c)}$$

$$\frac{\lambda(x_1x_1+by_1+c)}{\lambda(x_1+by_1+c)} = \frac{2(ax_1+by_1+c)}{\lambda(x_1+by_1+c)}$$

$$\frac{\lambda(x_1x_1+by_1+c)}{\lambda(x_1+by_1+c)} = \frac{2(ax_1+by_1+c)}{\lambda(x_1+by_1+c)}$$

(X) FAMILY of STRAIGHT LINES LI + AL2=0 AER

(XI) PAIR OF STRAIGHT LINES

(V) ANGLE Between 2 LÎNES

tano =
$$\frac{m_1 - m_2}{1 + m_1 m_2}$$
 $\frac{m_2}{1 + m_1 m_2}$ $\frac{m_2}{1 + m_1 m_2}$ $\frac{m_2}{1 + m_1 m_2}$ $\frac{m_1 - m_2}{1 + m_1 m_2}$ $\frac{m_1 - m_2}{1 + m_1 m_2}$

(VI) Court - - - OF Court of

(VI) CONDITION OF CONCURRENCY

Given lines:
$$a_1 \times +b_1 y + G = 0$$
 $a_2 \times +b_2 y + G = 0$
 $a_3 \times +b_3 y + G = 0$
 $a_1 \quad b_1 \quad C_1 \mid a_2 \quad b_2 \quad C_2 \mid = 0$
 $a_3 \quad b_3 \quad C_3 \mid c_3 \mid c_4 \mid c_5 \mid c_6 \mid c_6 \mid c_6 \mid c_6 \mid c_6 \mid c_7 \mid c$

(VII) EQN. of a Line Parallel/1 to an+by+c=0

KDS to

L'Parallel Jespendicular

ax+by+d=0 bx-ay+e=0 Use the condition given in the questo find d or e.