

### JEE MATHEMATICS

By SUHAG SIR

♦ R - 1, ZONE-2, MP NAGAR, BHOPAL : (0755) 32 00 000, 903 903 777 9

PAGE 1

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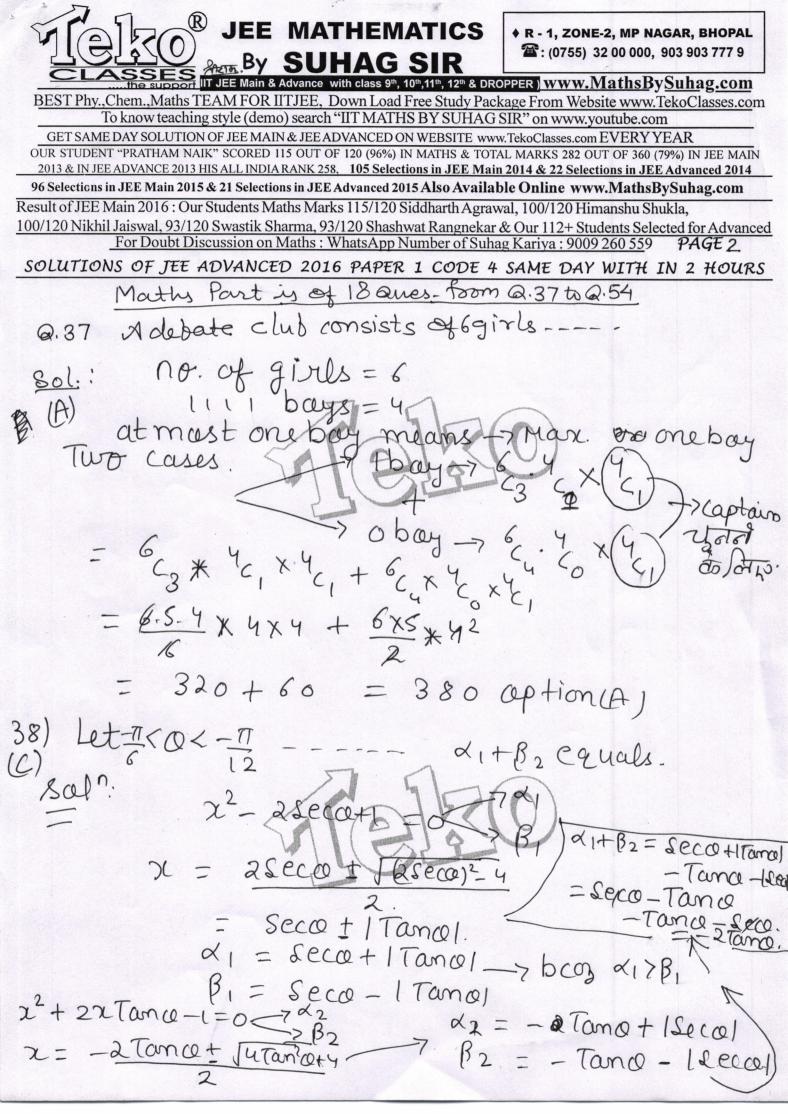
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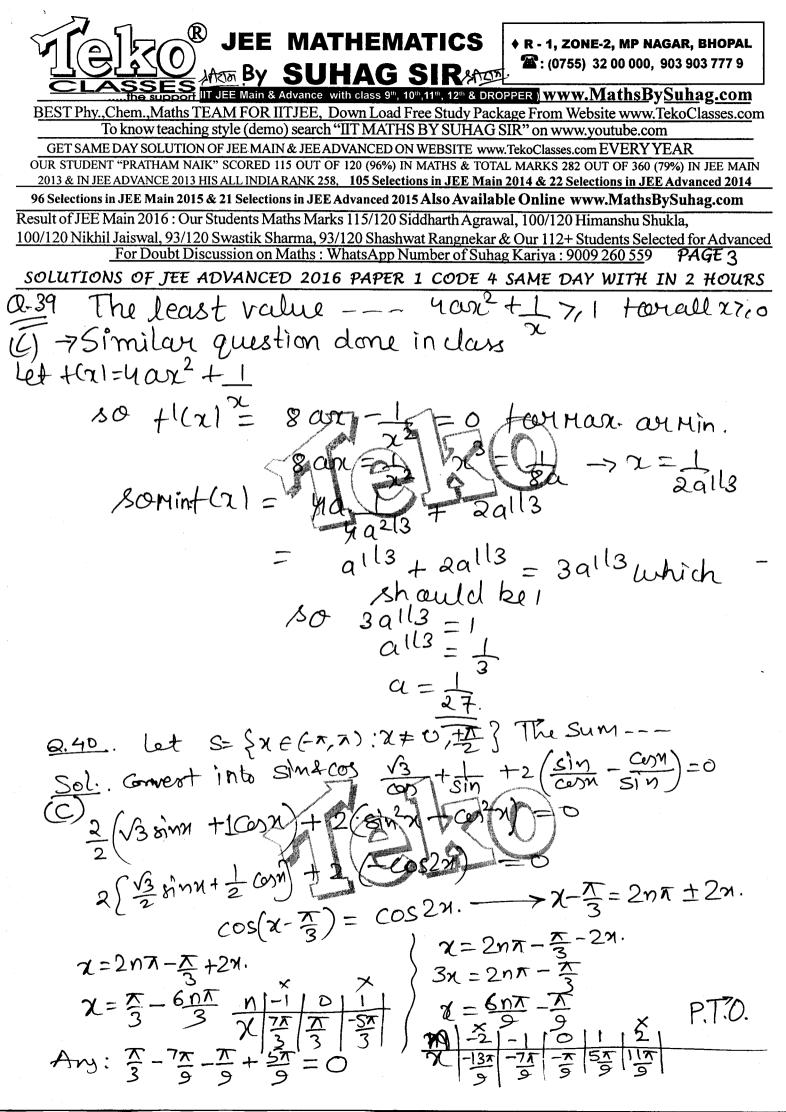
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| SOCIETIONS OF JEE ADVANCED 2010 PAPER I CODE 4 SAME DAY WITH IN 2 HOURS   |
|---|
| $\frac{Q.46}{BC}$ . let $P = \begin{bmatrix} 3 & -1 & -2 \\ 2 & 0 & \alpha \end{bmatrix}$ where $\alpha \in \mathbb{R}_{,}$   |
| Sol. Given $R = k.I \longrightarrow R = \frac{k}{ P } (edj P).I$  |
| $ P  = \begin{vmatrix} 3 & -1 & -2 \\ 2 & 0 & x \end{vmatrix}$ $3 -5 & 0 \end{vmatrix}$ $20 + 24$ $20 + 24$ $20 + 24$ $(24 - 4) = -K$   |
| $= -2(-10) + \alpha(-3+15) + 0$ |
| $ P  = 20 + 12$ 16ivem $k^3  I $ (AX)   |
| option $\frac{ \mathcal{A}  = \frac{1}{ \mathcal{P} }}{\frac{ \mathcal{K} }{2} = \frac{ \mathcal{K} }{20 + 12a}} = \frac{10 + 6c - 0}{4 =  \mathcal{K} }$   |
| option 1 + 2  |
| a. Page Que Page 4(-1)-4+8=0  |
| 38 2<br>39 3<br>40 3 47 11 Que Page<br>47 11 51 10  |
| 41     4       42     5       49     12       53     15   |
| 43 7 50 6 54 14   |







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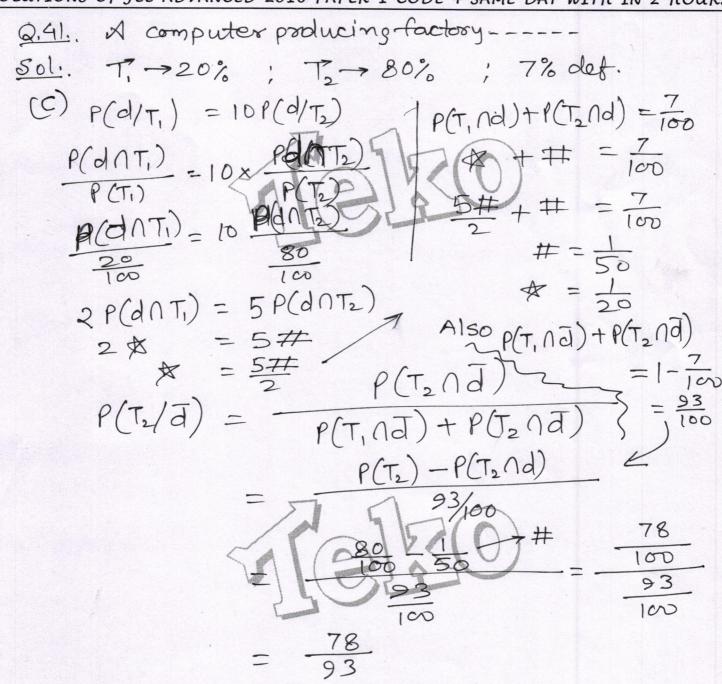
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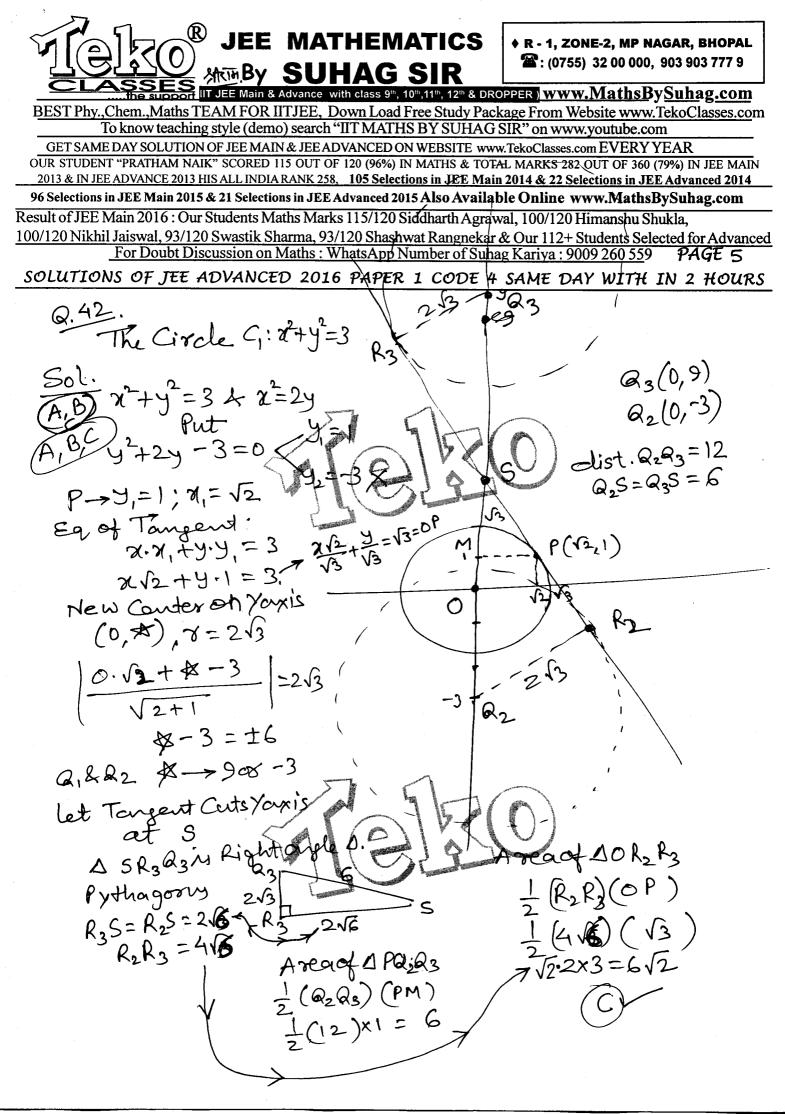
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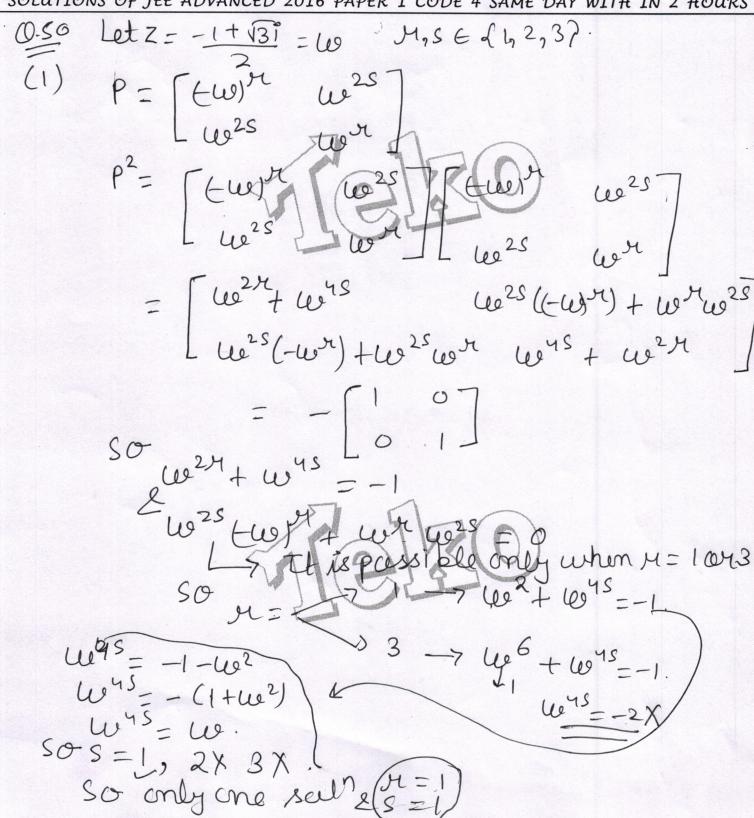
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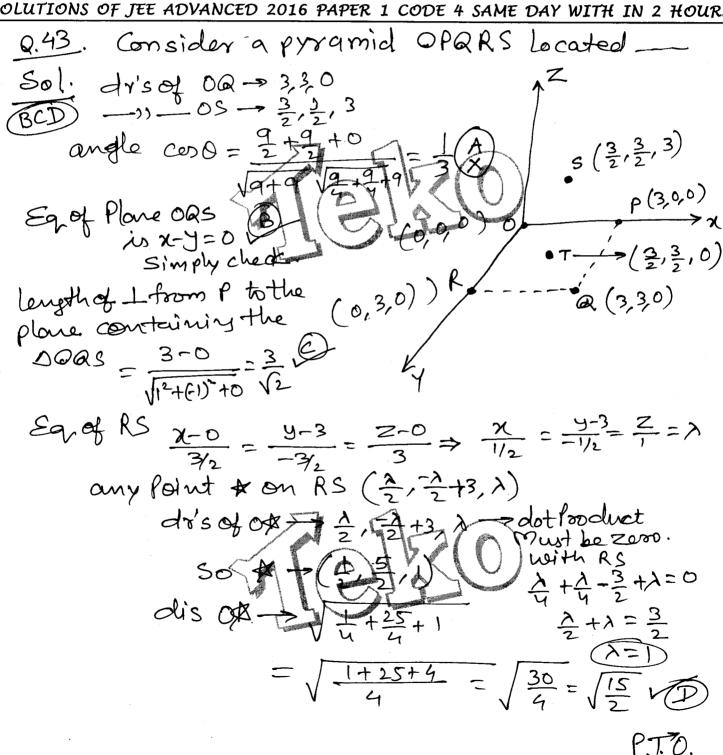
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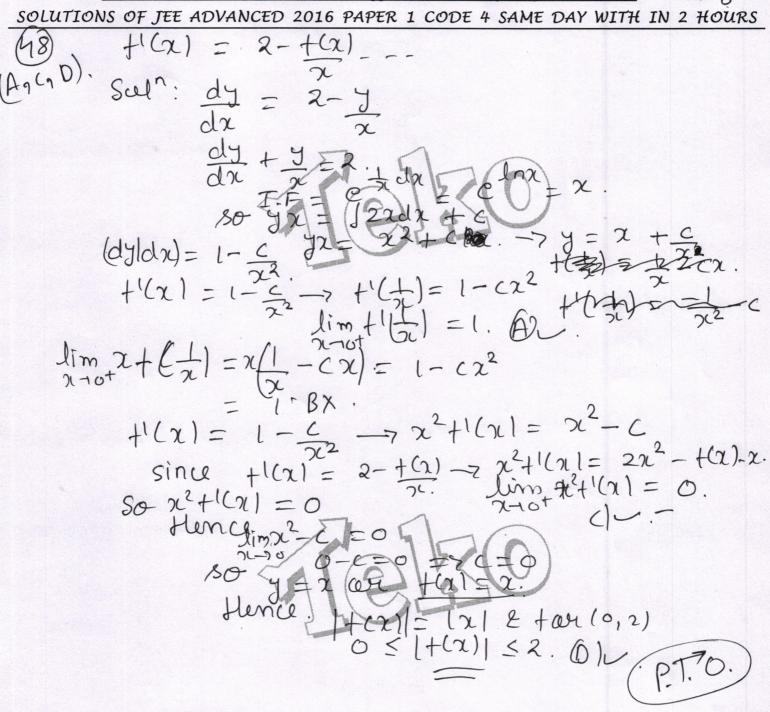
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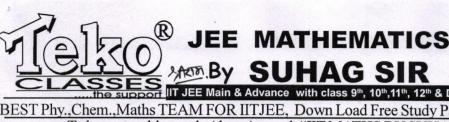
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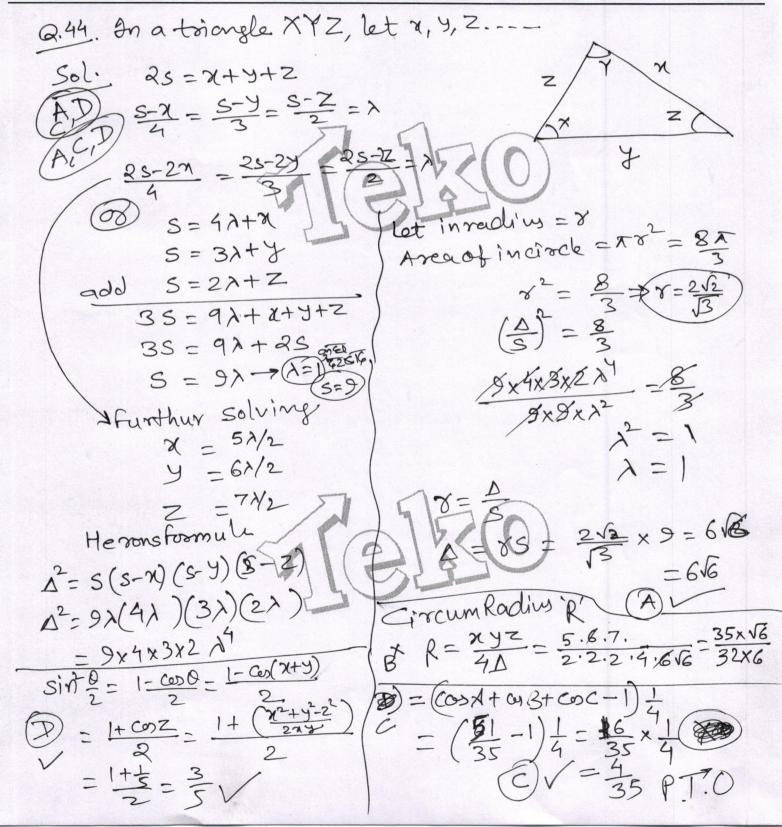
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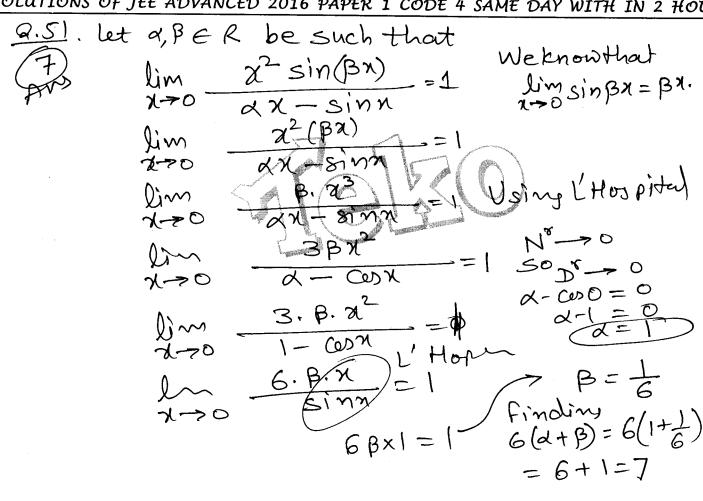


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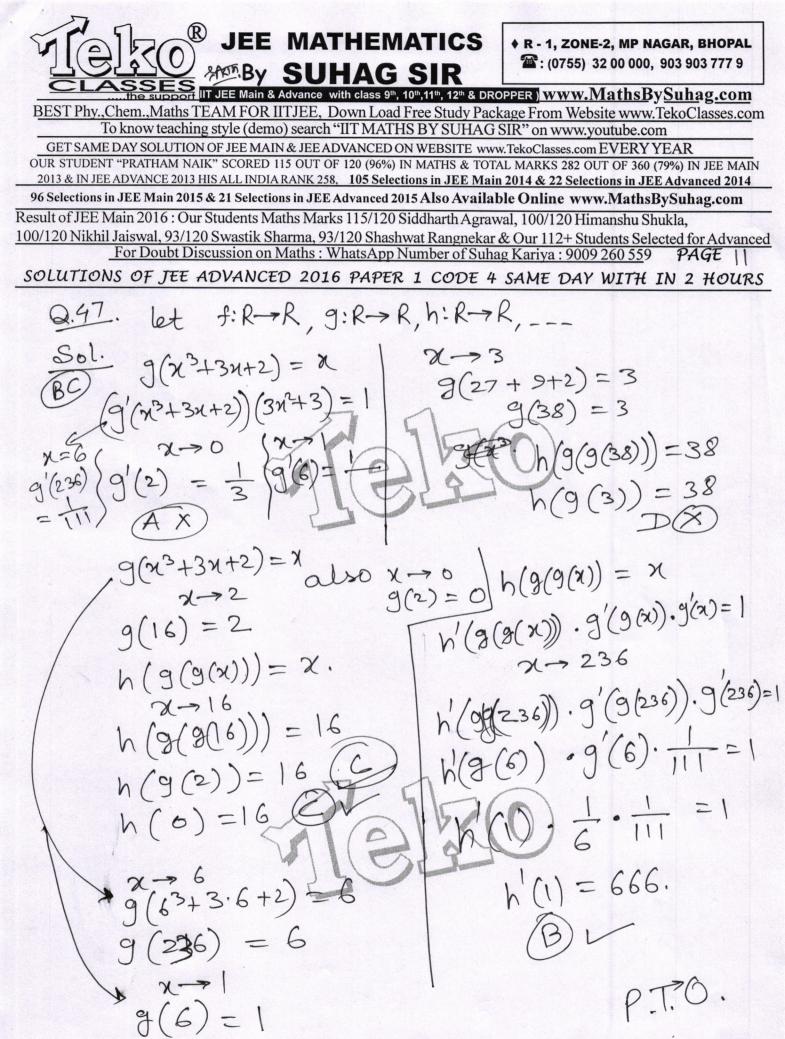
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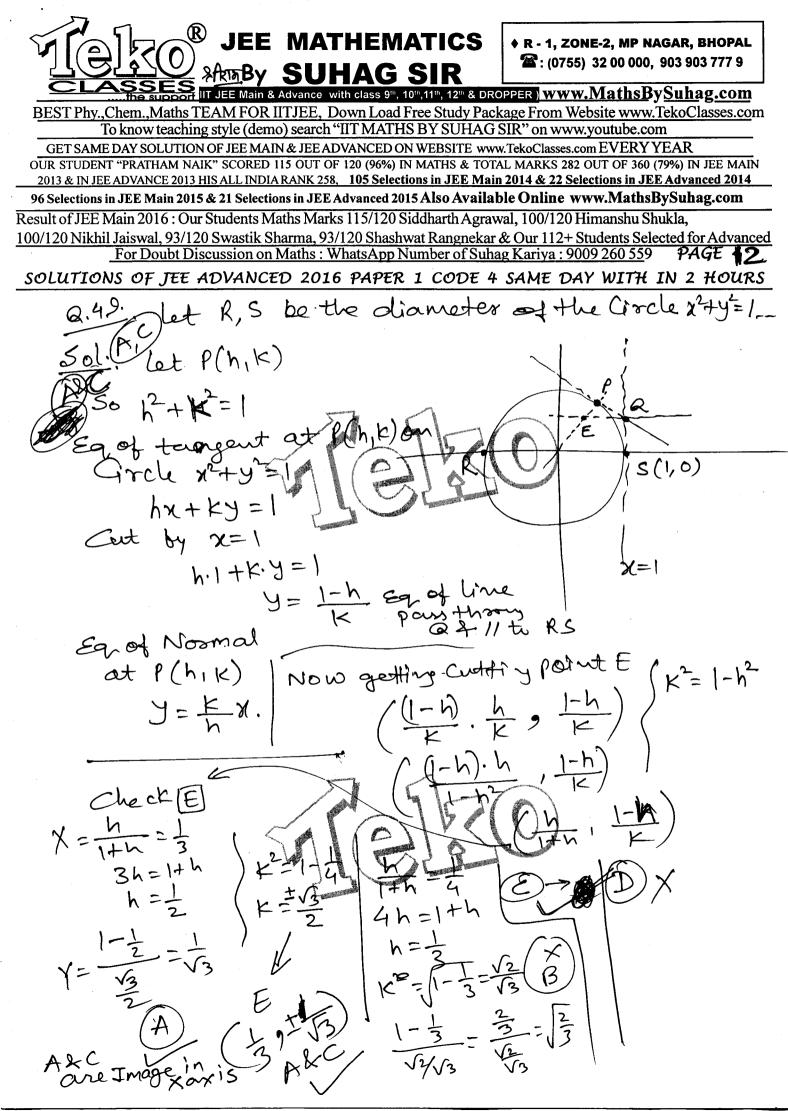
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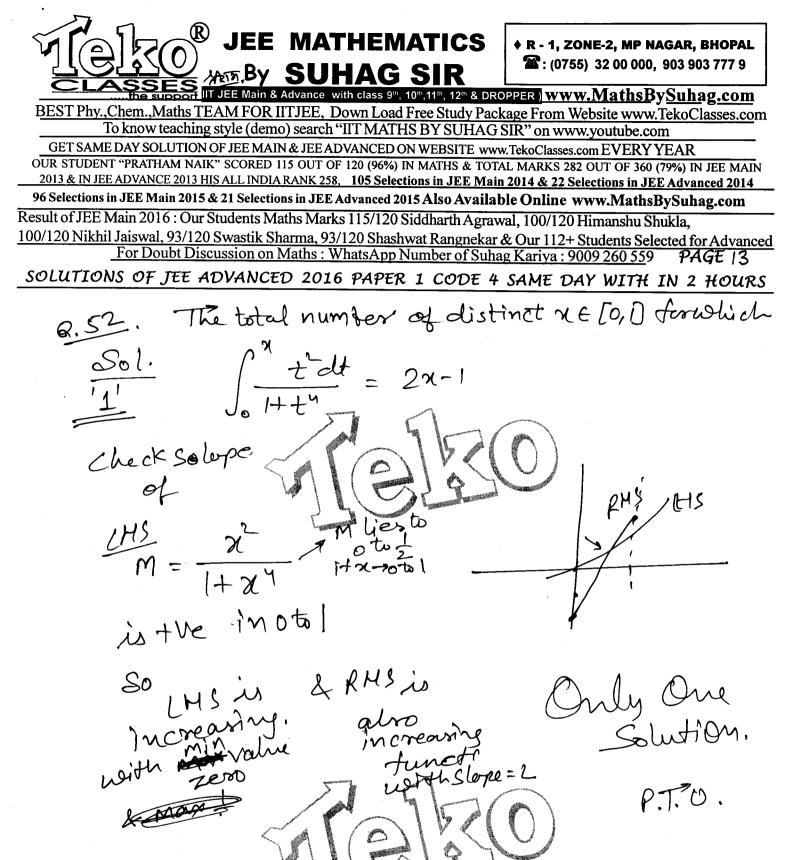
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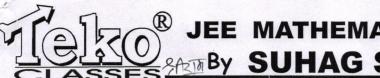
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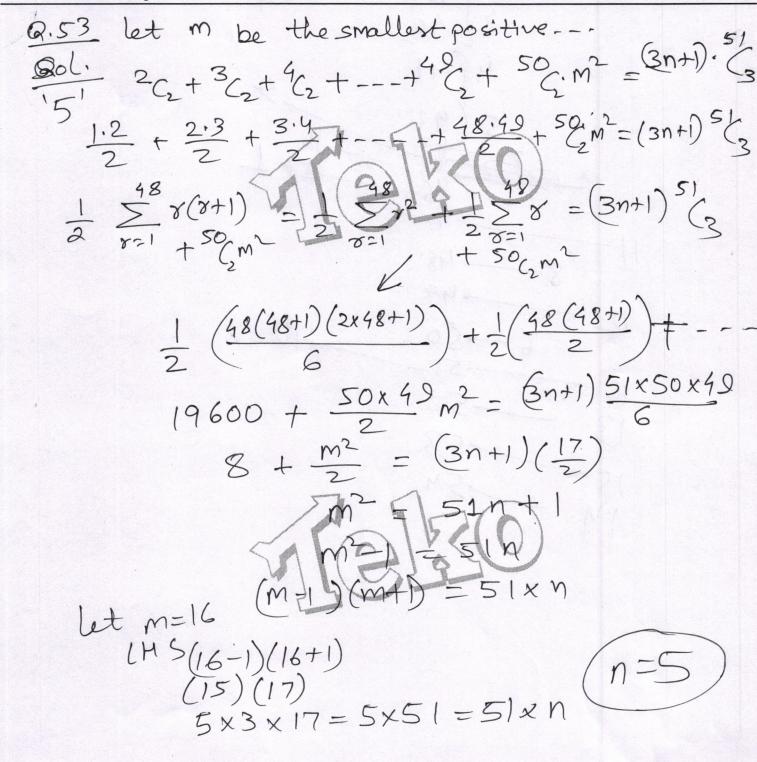
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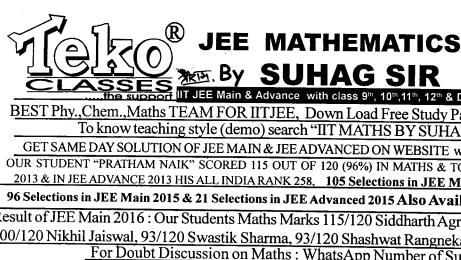
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(
$$\chi^2 + \chi y + 4\chi + 2y + 4$$
)  $\frac{dy}{d\eta} - y^2 = 0$   $\chi > 0$  fam through  $\chi = \chi = \chi + 2$ .

( $\chi^2 + \chi y + 4\chi + 2y + 4$ )  $\frac{dy}{d\eta} - y^2 = 0$   $\chi > 0$  fam through  $\chi = \chi = \chi + 2$ .

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