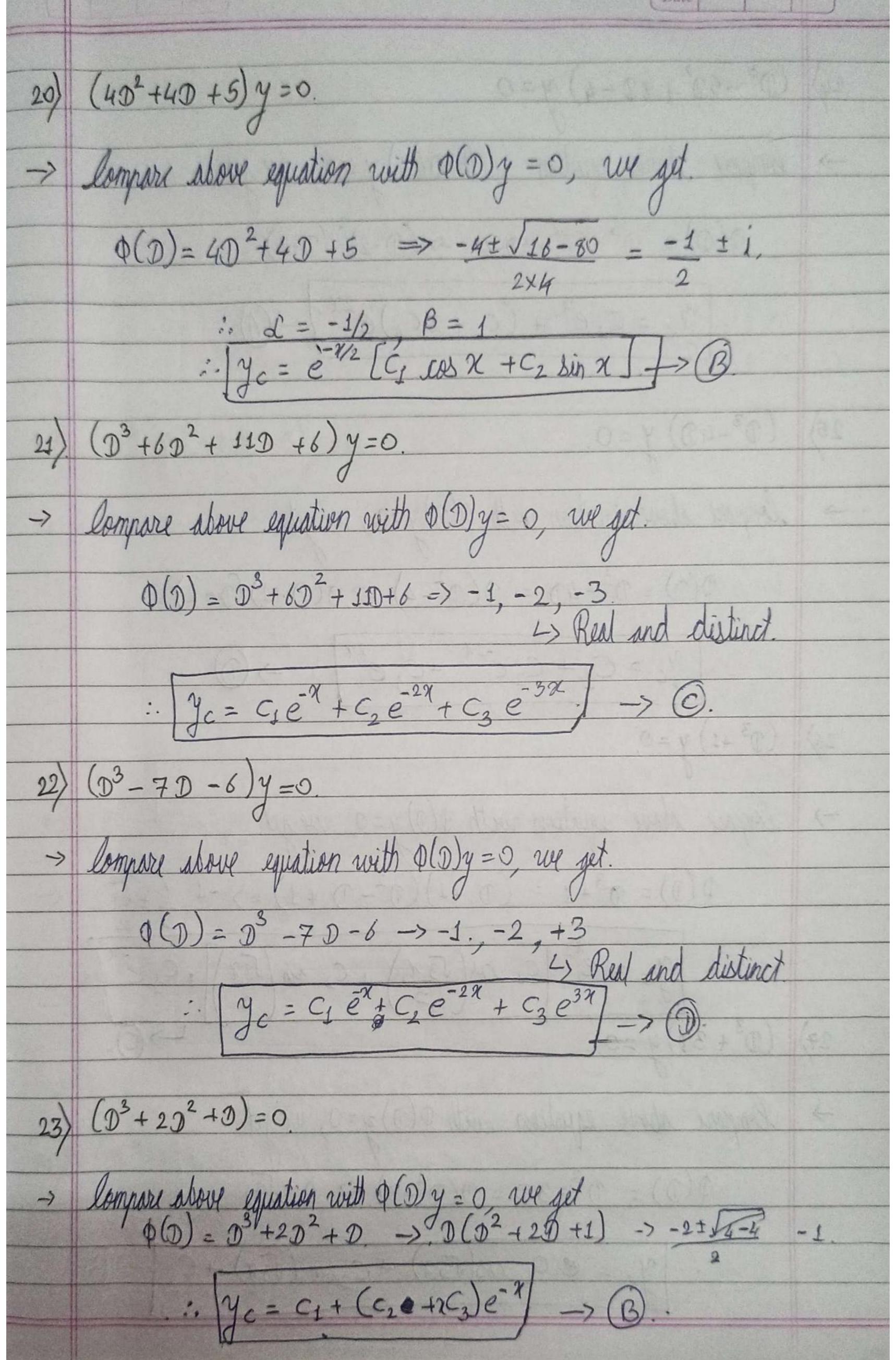
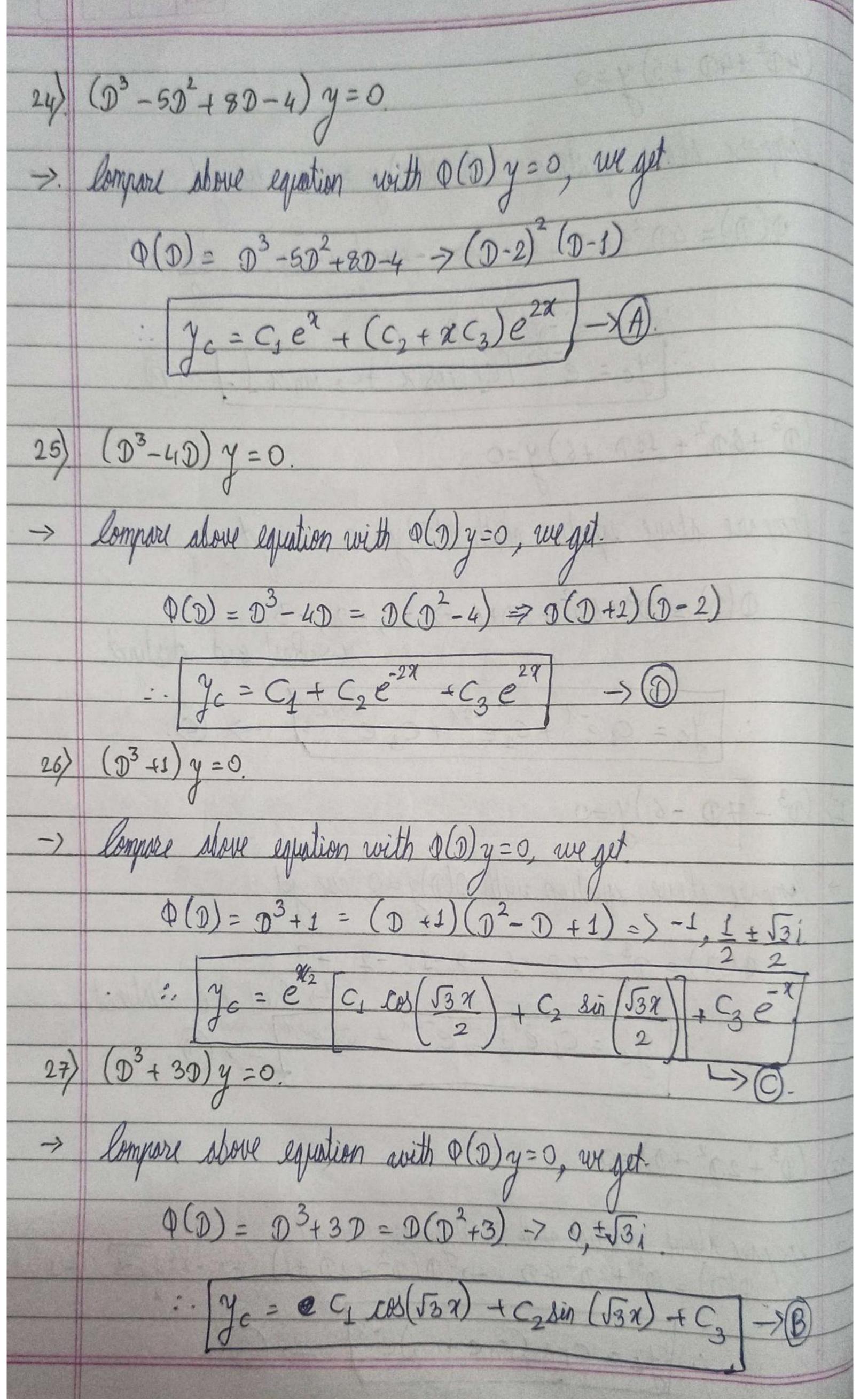
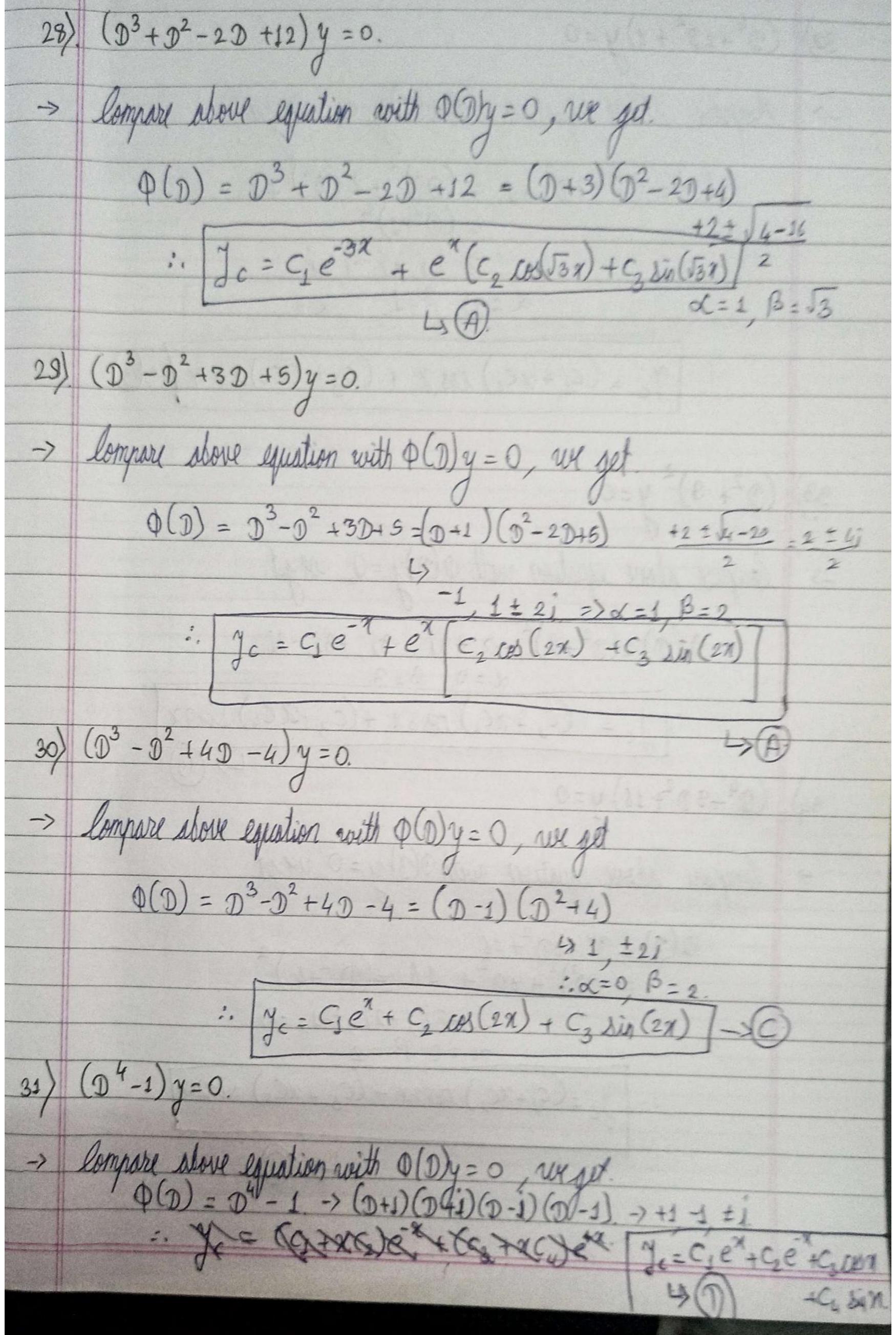
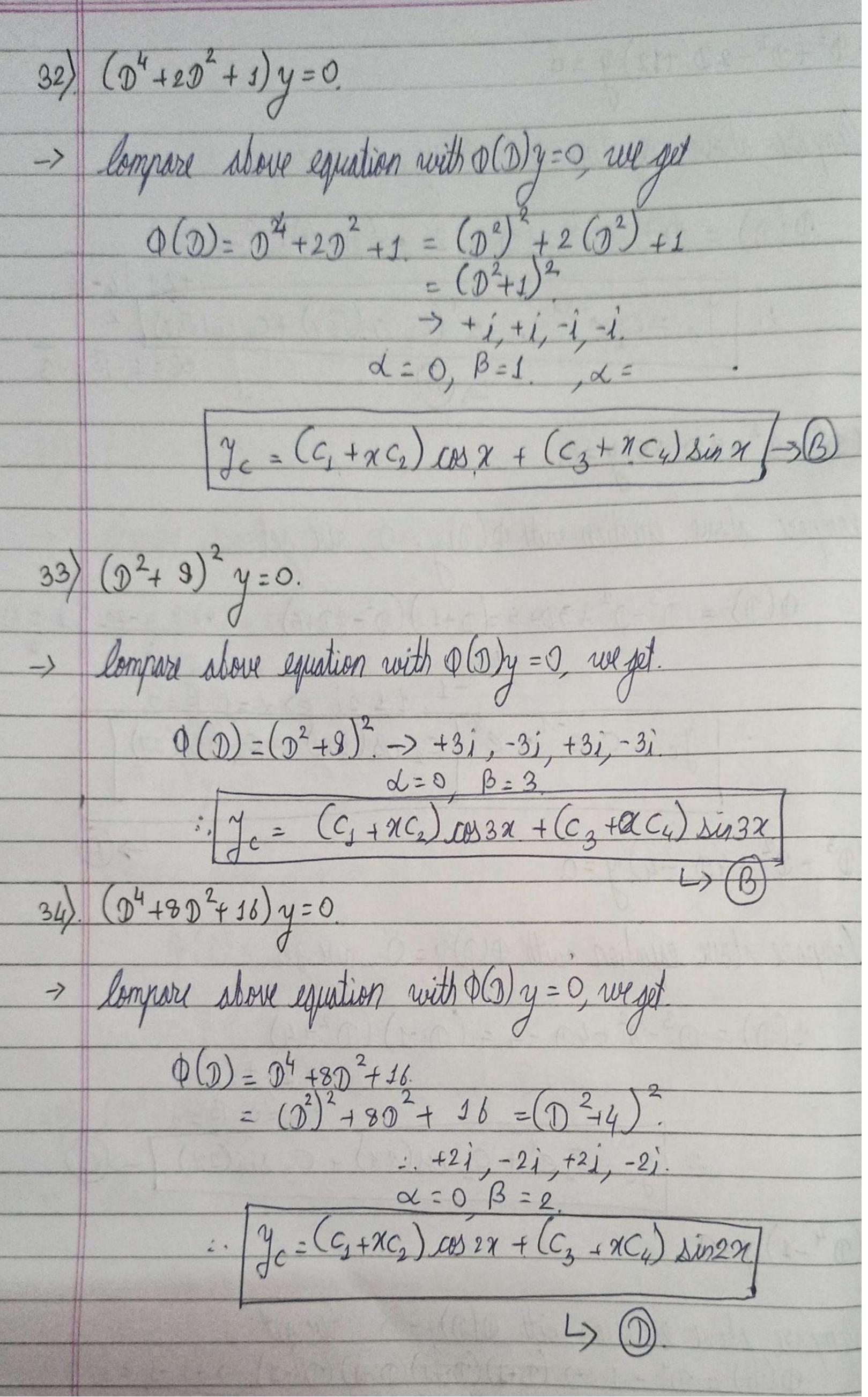


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36)	$(\mathfrak{D}^{6} + 6\mathfrak{D}^{4} + 9\mathfrak{D}^{2})y = 0.$
->	Compare above equation with $P(D)y=0$ , we get
	$\Phi(\mathfrak{I}) = \mathfrak{D}^{\delta} + \delta \mathfrak{D}^{4} + 9\mathfrak{D}^{2} = \mathfrak{D}^{2}((\mathfrak{D})^{2} + \delta \mathfrak{D}^{2} + 9)$ $= \mathfrak{D}^{2}((\mathfrak{D})^{2} + 3)^{2}$ $= \mathfrak{D}^{2}((\mathfrak{D})^{2} + 3)^{2}$ $= \mathfrak{D}^{3}((\mathfrak{D})^{2} + 3)^{2} + (\mathfrak{D})^{3}((\mathfrak{D})^{3} + (\mathfrak{D})^{3}(\mathfrak{D}$
	$\int_{C} e^{0x}(c_{1}+xc_{2}) + (c_{3}+xc_{4})\cos(53x) + (c_{5}+xc_{6})\sin(53x)$ $L(x) = (c_{1}+xc_{2}) + (c_{3}+xc_{4})\cos(53x) + (c_{5}+xc_{6})\sin(53x)$







## Tutorial 2 for SE COMP batch S4

Total points

56/60

Solve the following

