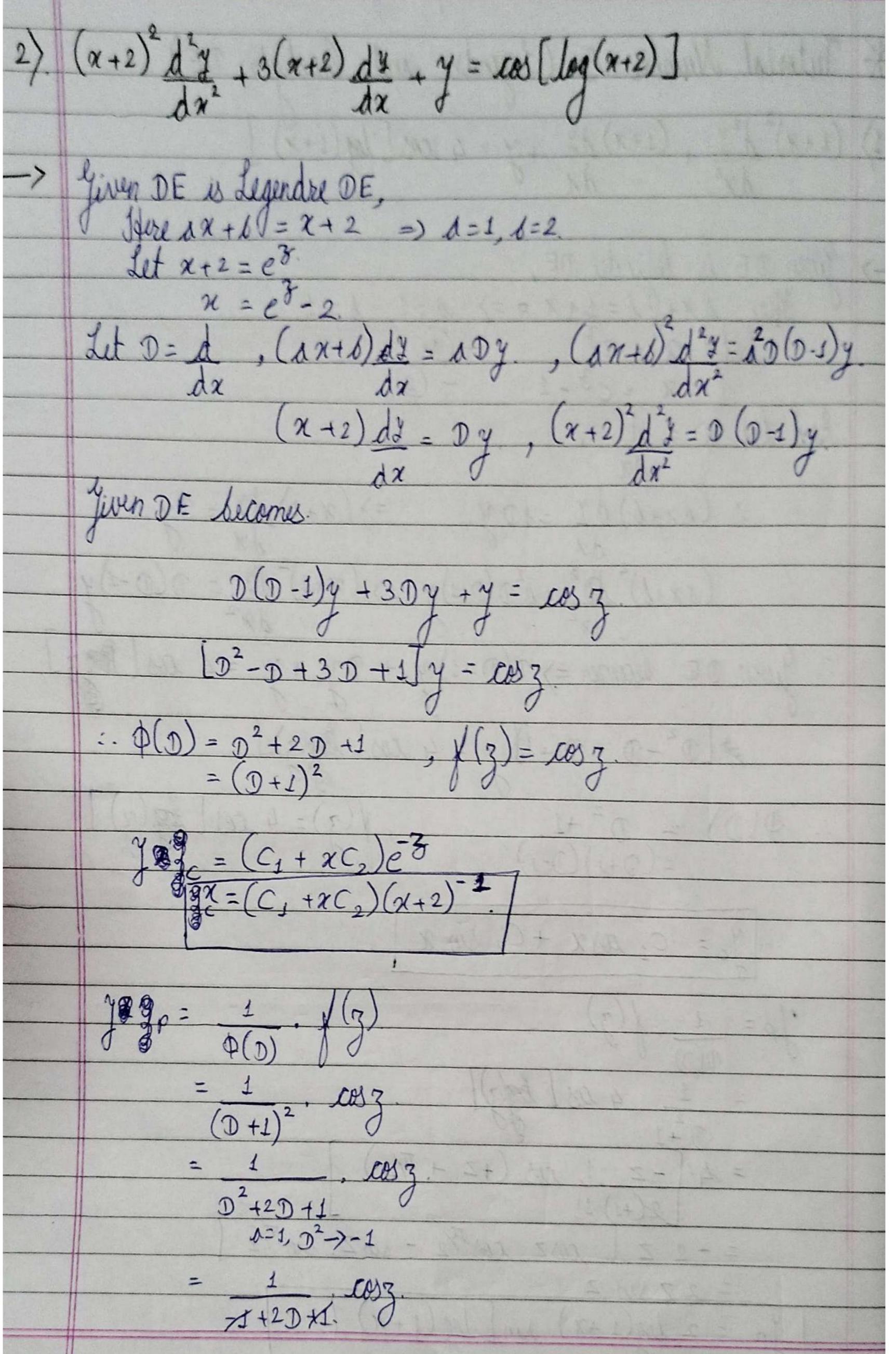
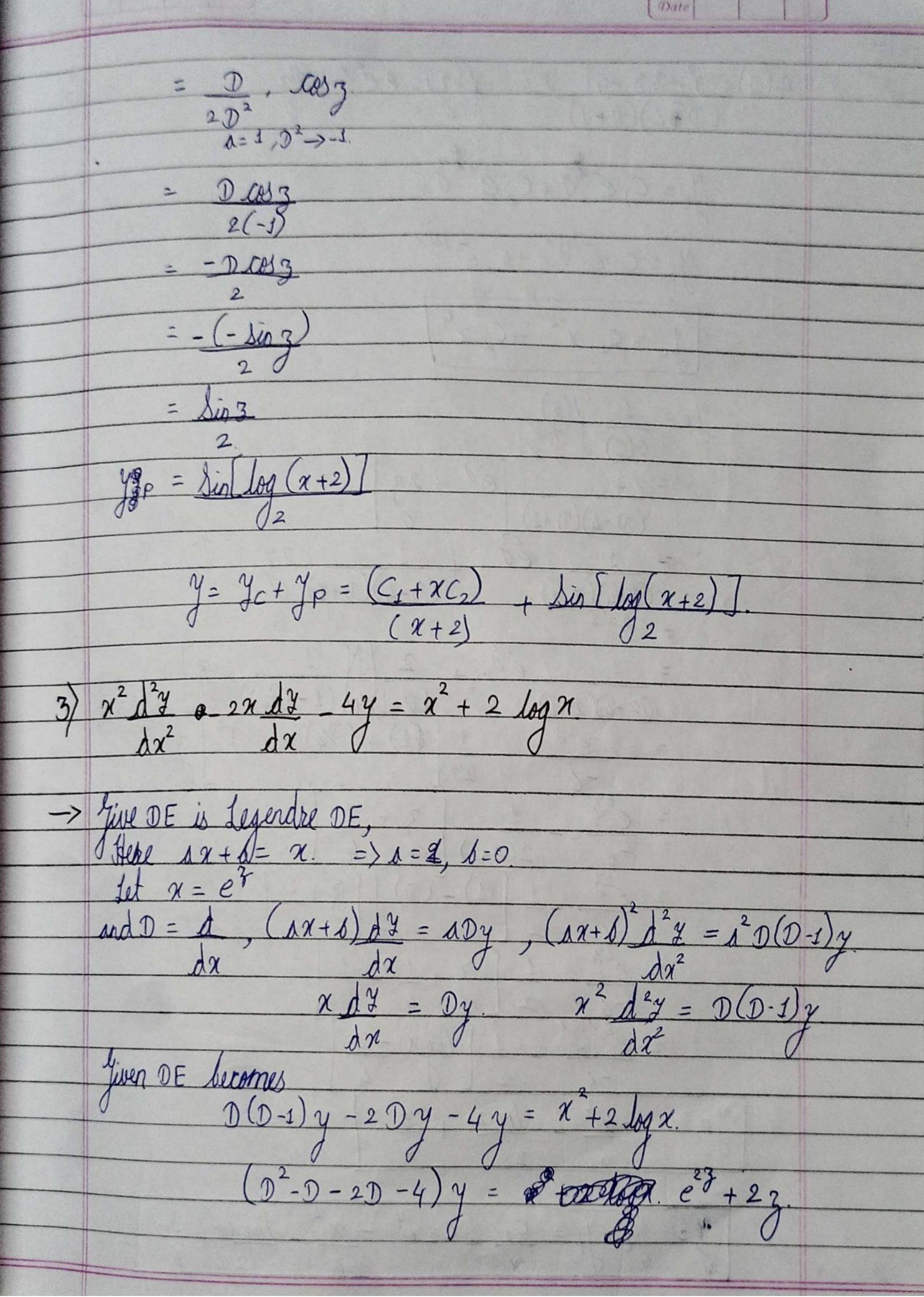
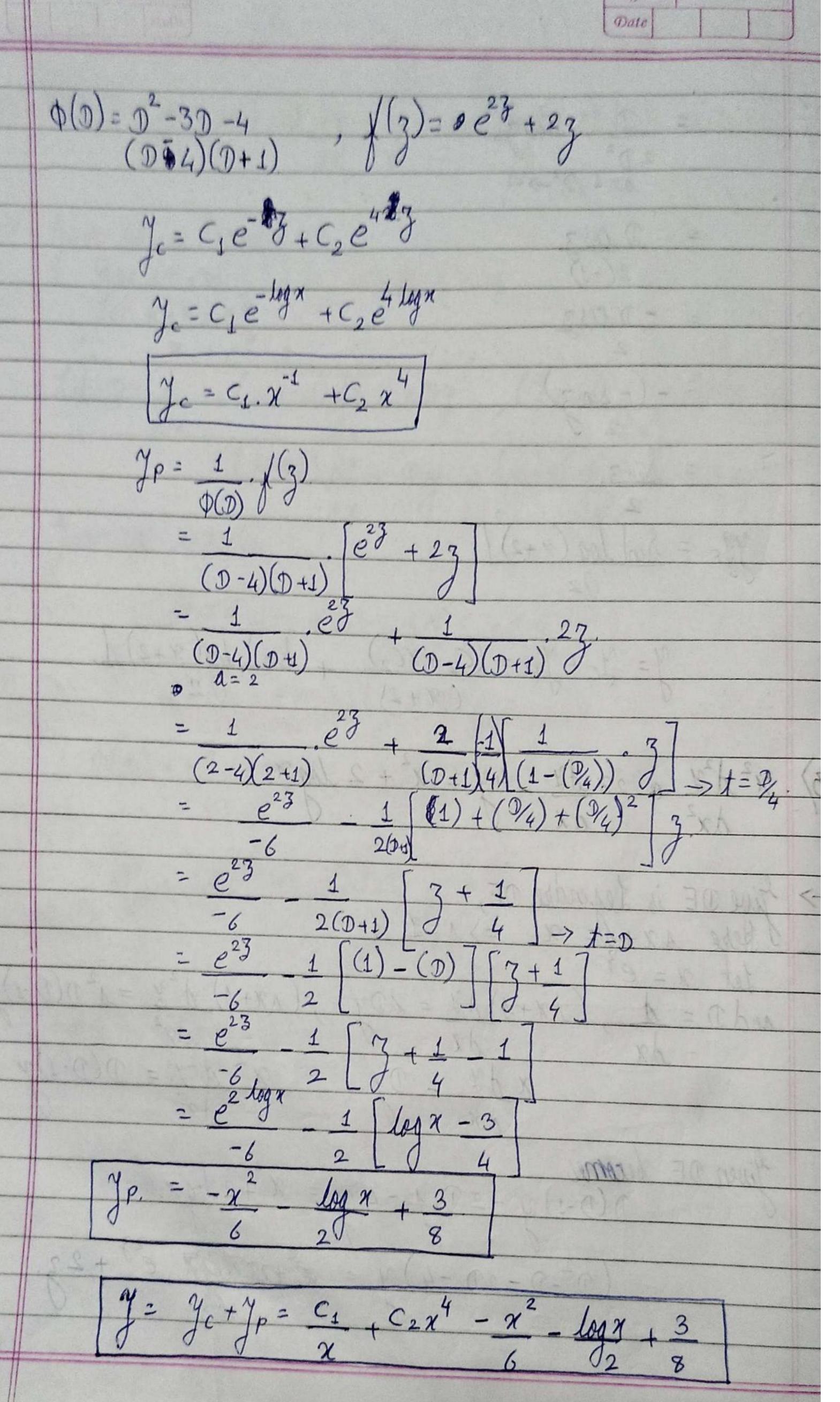
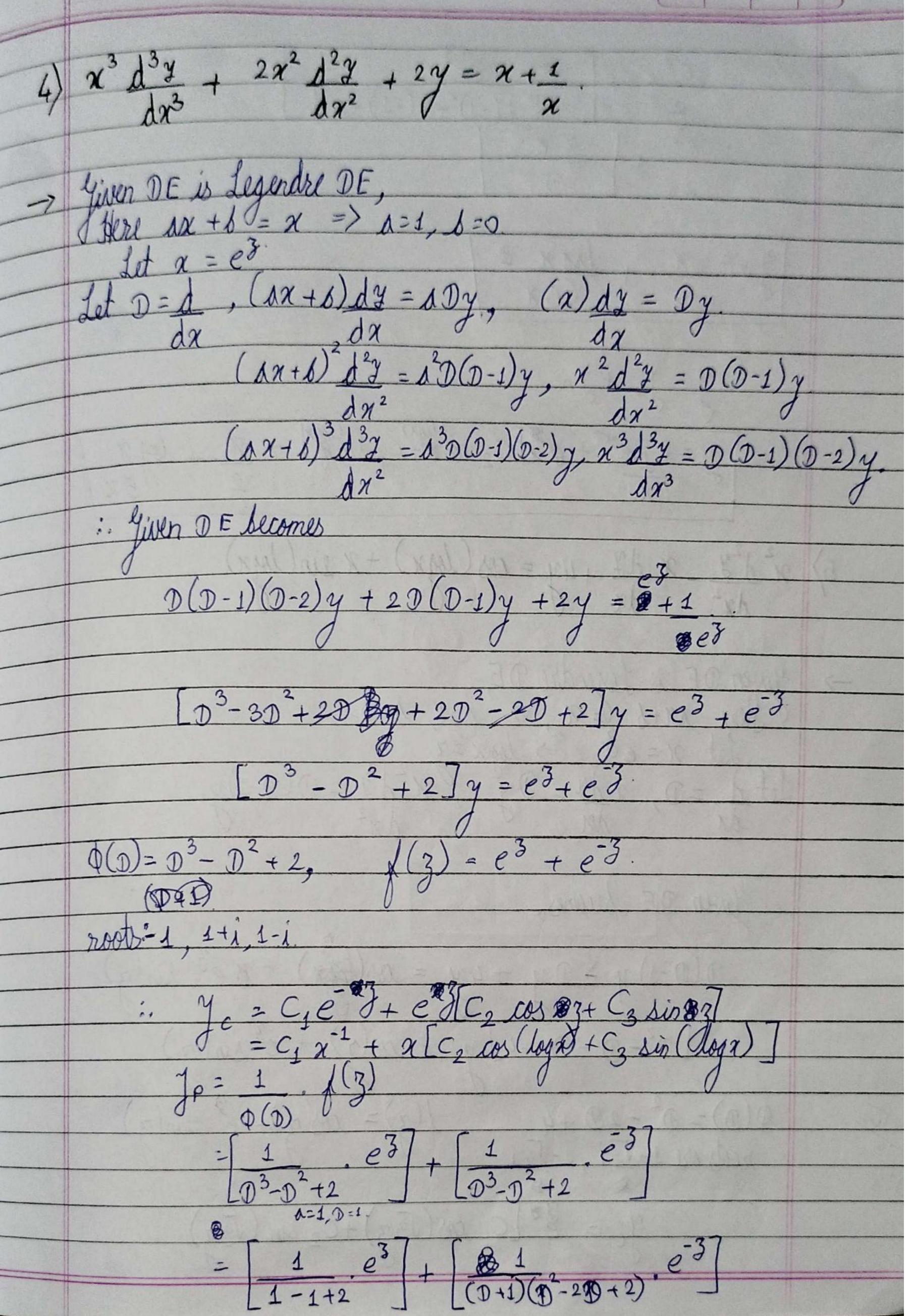


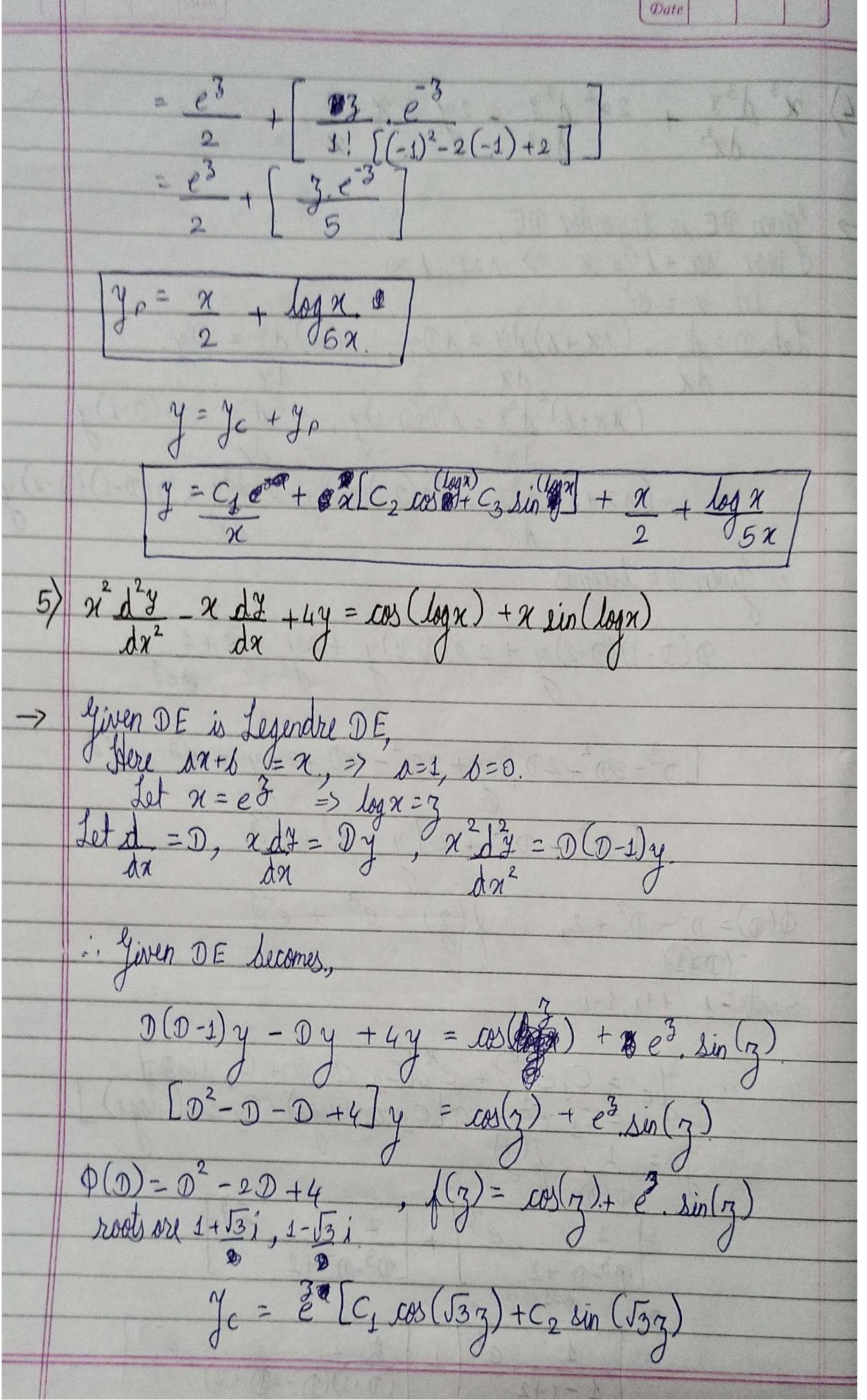
Scanned by TapScanner

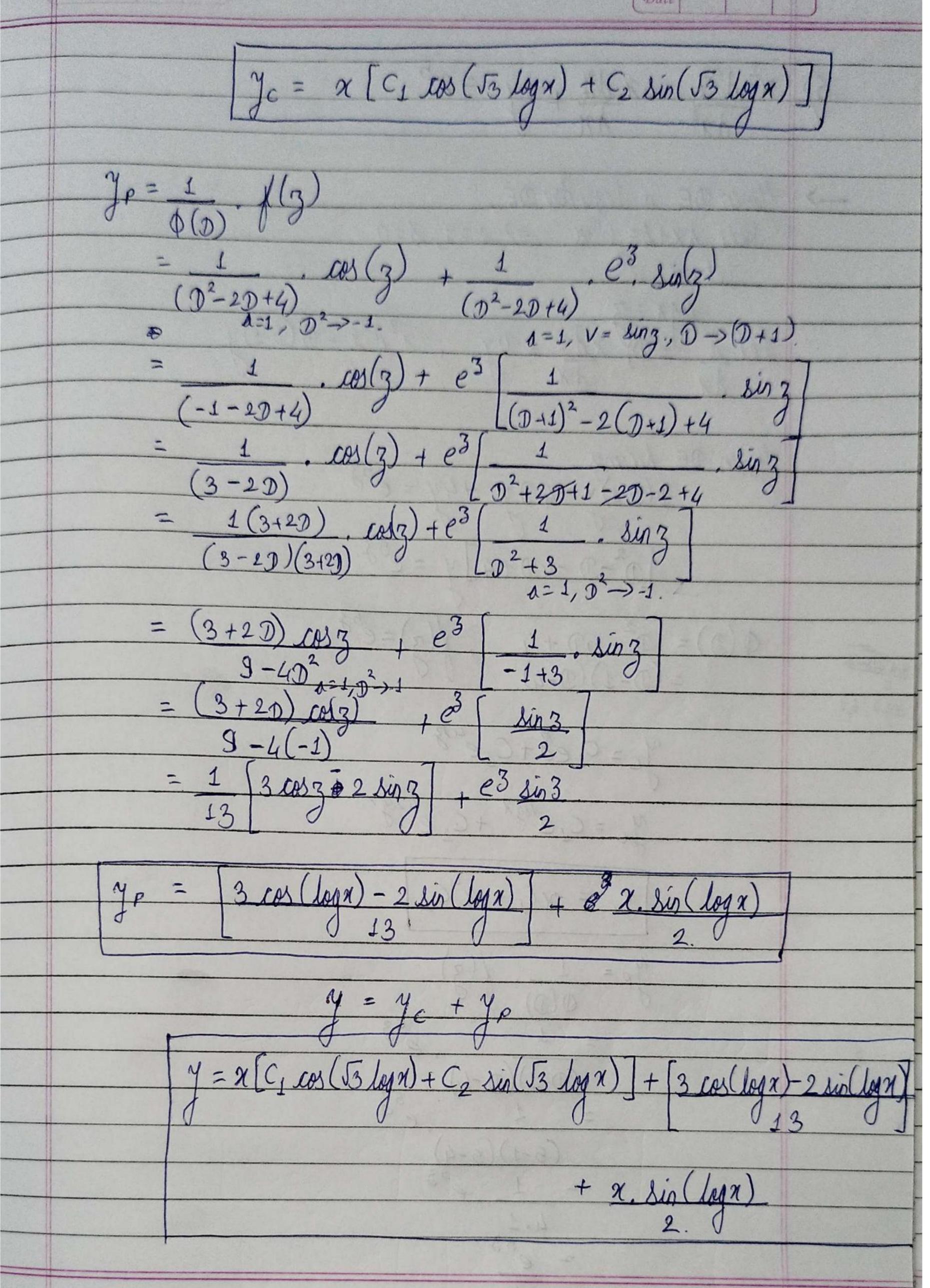












6	$\chi^2 d^2 y = 4\chi dy$, $\delta y = \chi^5$.
	$\frac{1}{dn^2}$ $\frac{1}{dn}$
<i>→</i>	Jiven DE is Legendre DE, Here ax+6= (2x =) a=1, 6=0.
	$\int \frac{1}{1} dx = 0.8$
	loax = 3
	Let d = D, xdy = Dy, xd2 = D(D-1)y,
	dx dx dx^2
	Given DE berner
	Yiven DE becomes $D(D-1)y - 4Dy + 4y = e^{53}$
	$[D^{-}D - 4D + 4]y = e^{b} f$
-	$Q(D) = D^2 - 5D + 4$, $\chi(z) = e^{53}$
336	$Q(D) = D^2 - 5D + 4 , f(z) = e^{53}$ $= (D-1)(D-4).$
1,2	1 2 ms (ms + 2)
	Yc= C, e3+ C, e43
	$y_c = c_1 e^{\log x} + c_2 e^{4 \log x}$
	yc = xc, + x4c,
	4 = 1 /(-\
	$\int_{0}^{\infty} \frac{1}{\varphi(\mathfrak{D})} \cdot \int_{0}^{\infty} \frac{1}{\mathfrak{D}} \cdot \frac{1}{\mathfrak$
	= 1 53
	(D-1)(D-4)
	$=\frac{1}{(5-1)(5-4)}$
	= 1 0 3
	4.1
	- e'
1	Sca

