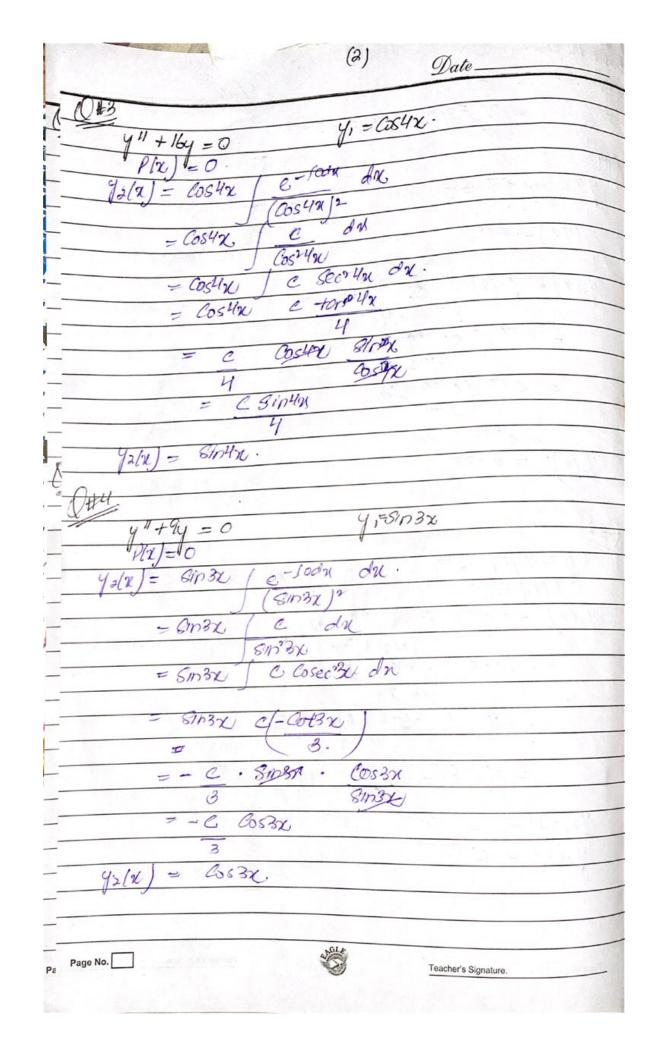
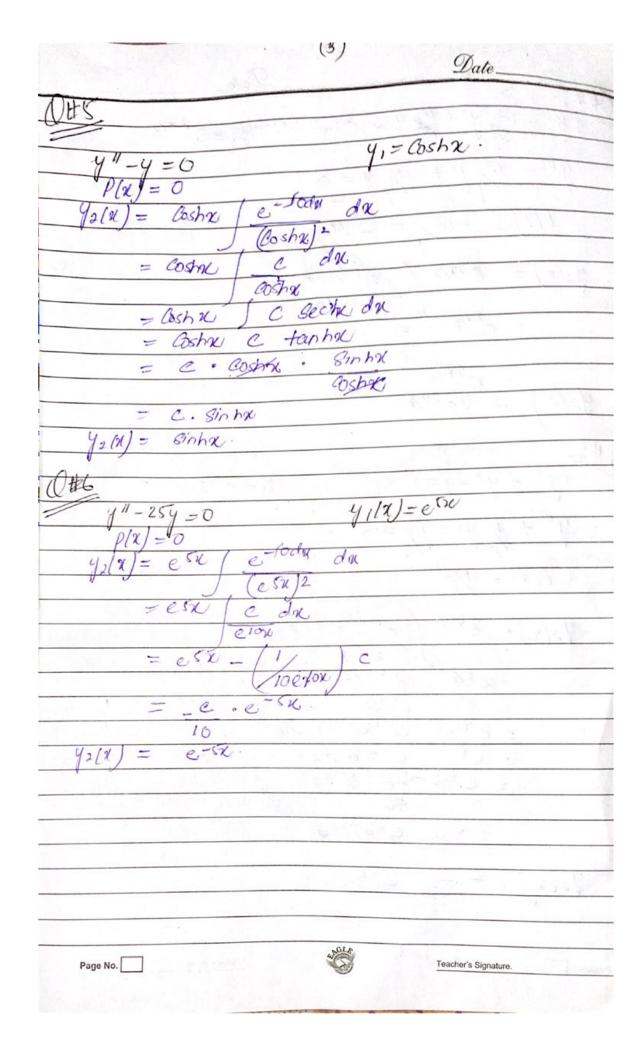
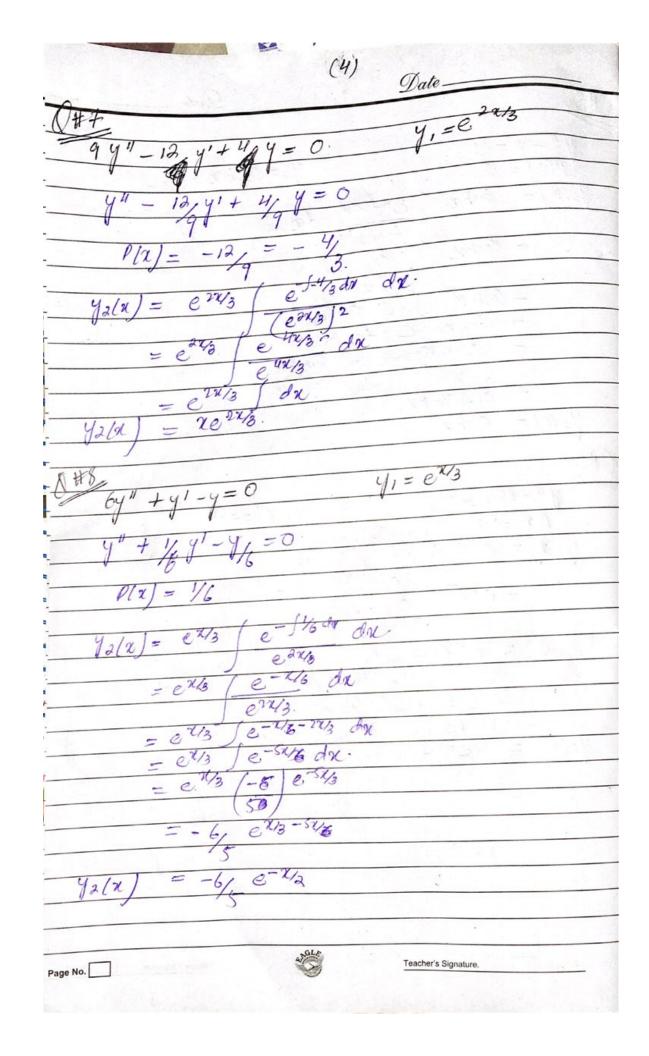
K200474 Basil Di Khon (1) Date. EXERUSE # 3-2. OFF 4, = e 2x 4"- Uy' + 4y=0 - SP(n) dn = e 2x du eux e ux dx e 22 eun du = xe2x y2/x = 20-2 del xe-x/2. e-200 = 10-2 dx re-ne 2-2 - 1e-x dx

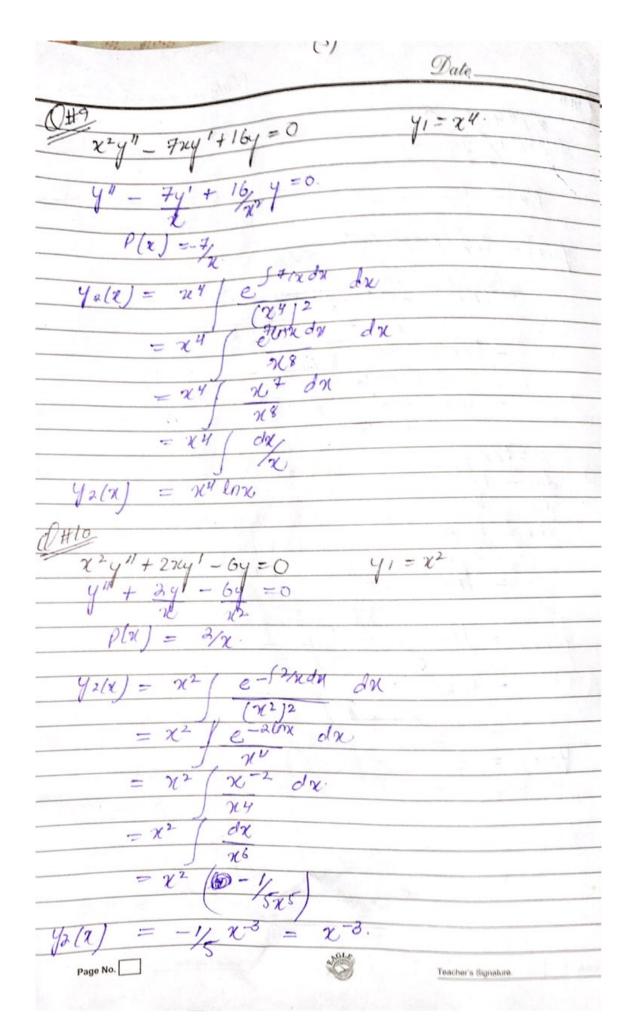
Teacher's Signature.

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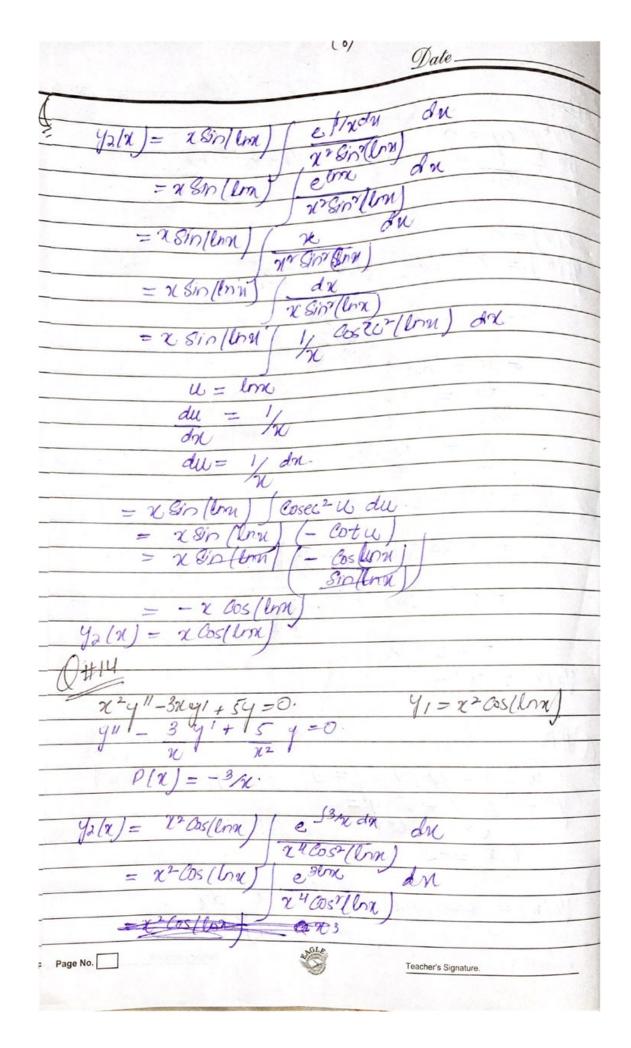






	(6)	Date-	
Divi			
(HI)		j = ln x	199 - 1990
24/1+41=0	7		
y" + 1/2 y' =0		1.	1 1 1 1 1 1 1 1
			)
P(x) = 1/x.			
	1		
- point - und le	du dx.		
- low	12		/ 130
= lm (e-tro	x du	-	
- (lnn)		01.5	
= $lnx(x)$	du		
(logi)			
= lnx / 1/x	dx,		
(!\n2())			- 4
U = ln x	1,35	1 1	
- du = 1/		12	S . CM
- dre N.			
du = 1/dx			
	6 - 4		W. F. W. B
- tra du		1141	1 4 10
J 242		all the same of th	Mark Bi
= lnx h/-	1		30 PM 1 12
	u)		
- (nac 1 - 1		5	3 1 2
( less		423	
= -1	7 - 3	285	
$y_{a}(x) = 1$ .			
	10.5	2 3/2	=
	All All A		
		.00	M of the last
			<u> </u>
		1	
		e 1 1	- 1
_G/	LE.		

	(7) Date
O#12_	
	y = 2 12 lna
$\frac{4x^{2}y'' + y = 0}{y'' + 1/2}y = 0$ $\frac{4x^{2}y'' + y}{4x^{2}}y = 0$	
7.4	6.1
4/4/- 2/2/20/ 8	10 du du
10 100	e du x llnuji
# W= lon	Lista a de
$\frac{du = 1}{dx}$ $\frac{du = 1}{x}$	
$du = \frac{1}{\chi} dx$	
= x /2 lonx ef c	11.
= x 1/2 ba c	(-1/a)
= 20 1/2 both C	1-1/ 100x
=-cx'x	
$g_{2}(\tau) = \pi^{2}.$	
Q#13	
y"- 3 y1 +5 y=	$\frac{1}{2} = \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \frac{1}{2} \right)$
$\frac{\chi}{\rho(x) = -3}$	
ya(x) = Zsin (low)	e. 53/xdx da
(ala)	(Stollow) 2.
Page No.	Teacher's Signature.



Date
$= \chi^2 \operatorname{Cos}(\ln \alpha) \left( \frac{\chi^3}{2} \right) d\nu$
1 x 4 (De; (Red)
$= x^2 \cos(\ln x) dx$
/ y cost un
= 22 Cos (low) (don') Secr (lom) don'
) W
u = lnx
du = 1
du = 1/x
du = da
K.
= x2 cos(lm) / seglu) du.
= x2 Cos (lna) (+anu)
= 20 Coston / Sin (lon)
( Cos(log ))
42/2 = x2 Sin(Inm)
,
Page No