A.

Lomerock 1

1.	TR	1 1 2	1 12 g	13 l	14/
	1	0	1	-7	20
	1	×. 1	A6	13	( ) Pro-
	2	-5	7		
	-3	2			
	1	-:=.(x)	m.x	Y = (x)	4 . × 6

THE TAXABLE			XTX DEF	All the state of t		
Ī	XI	1	22	221	23/	248
1	1	3	$\frac{0-3}{3-1} = \frac{3}{2}$	5+3 -13 4-1 6	$\frac{-\frac{4}{3}}{\frac{3}{6}} = \frac{13}{6} = \frac{-21}{6} = \frac{7}{10}$	7-1 = 9 = 3
	3	.0	5-0 = 5	1-5 = 4 6-3 = 3	- + + + + - 3 = - 3 + = - 1 H	
	4	5	7-5 = 1	$\frac{-6-1}{7-4} = \frac{-7}{3}$		
	.6	7	<u>1-7</u> = -6			
	7	. 1			1.4	

3 
$$f(x) = (1+x)^{\frac{1}{3}}, x_0 = 0$$
  
 $f'(x) = \frac{1}{3}(1+x)^{-\frac{2}{3}}$   
 $f''(x) = -\frac{2}{9}(1+x)^{\frac{-5}{3}}$ 

$$P_2(x) = 1 + \frac{1}{3}x - \frac{2}{9}x^2$$

## TOO JANA

4. f(x)=rin x, x0=0, [- II, II]
a bound of the ever for Tof(x)

Fund M >0 st  $|Rmf(x)| \le M$   $|Rmf(x)| = \frac{|x-x_0|^{m+1}}{(m+1)!} f(m+1) (3), 3$  around xo and x  $|Rsf(x)| = \frac{x^6}{6!} \cdot f^{vi}(3)$ 

f(x) = nin(x), f'(x) = con(x), f''(x) = -nin(x), f''(x) = -con(x), f''(x) = nin(x), f''(x) = con(x), f''(x) = -nin(x)

 $|f''(\xi)| = |f''(\xi)| = |f''(\xi)|$ 

 $-\frac{11}{4} \langle X \langle \frac{11}{4} \int_{0}^{6} \langle X^{6} \langle \left( \frac{11}{4} \right)^{6} \rangle \rangle = |X^{6} \rangle = \left( \frac{11}{4} \right)^{6}$