## INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DE SÃO PAULO – CAMPUS CUBATÃO

Discente: Stephany da Costa Silva

Docente: Luciano Reis

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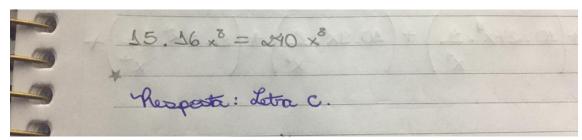
Turma: CTII 317

## TAREFA BÁSICA – TEOREMA DO BINÔMIO

## **QUESTÕES**

01.

Mome: Steppromy da Costa Silva Porafessor. Luciano Reis	25,04,57
Jurma: CT11 347	~~~
Jarefa Básica - Teorema de Binâmie	,
04 (41 2 2)6	
Os. $(3+2x^2)^6$ , co capitionte de $x^6$ $\angle x^2$ : $(6)^{6-\kappa} \cdot (2x^2)^{\kappa} = (6)^{3+\kappa} \cdot x^{\kappa \kappa}$ $(8)^{6-\kappa} \cdot (2x^2)^{\kappa} = (6)^{3+\kappa} \cdot x^{\kappa \kappa}$	A note : the part



02.

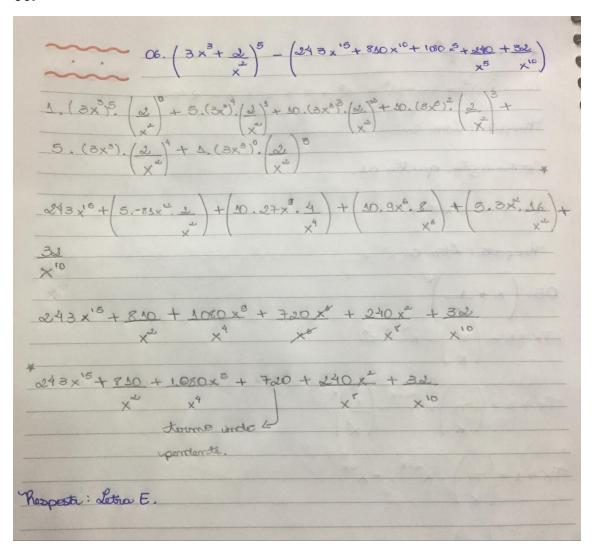
3	03. (x + a) 4 ignar a 1.386 x.
	$TK = \begin{pmatrix} n \\ k \end{pmatrix} \times \begin{pmatrix} x - k \\ k \end{pmatrix}$
3 3	$TK + 2 = \begin{pmatrix} 11 \\ K \end{pmatrix} \times^{22-K} \cdot 0^{K} = 1.386 \times^{5}$
•	G= C+h
)	11-K=5 6=K ww K=6
	$T_{7} = \begin{pmatrix} 11 \\ 6 \end{pmatrix} \times \frac{5}{6} = 1386 \times \frac{5}{6}$
	T==11! . 05 = 1386 x5
	* * T= 11. 10 9. F 7 6t. 06 = 1386

~~ T+	= 55490 . 06 = 138	6	
-	120	and the	
	462.06=1386	748	1100 - 100
	a = 1386		
	462	P. C.	Maril 1
	06-3		
	0 = 53	- celeviles	*(*x+1)
Respesta: Letra			275 (8)

$ \frac{1}{2} = \frac{1}{2} = \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{2} = \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{2} = \frac{1}{2} \cdot \frac{1}{2} = 1$
$\frac{1}{1} \times \frac{1}{1} = \frac{1}{1} \times \frac{1}$
Tx + 1 = (9) x 9+K (1) K
* 1K + 1 = ( X
$T_{K+1}=\begin{pmatrix} g \\ K \end{pmatrix}$ $\times$ $g_{-K}\begin{pmatrix} -X^{-2K} \end{pmatrix}$
$TK+\Delta = \begin{pmatrix} 9 \\ K \end{pmatrix} - X \left( 2K + 3 + K \right)$
Equação
2K+9+K=0
3K+9=0
3K=-9
4 K = 19
65 K = 18 COESSA
N K = 3
OWIT
K=3  Reports: (9)
3
Resporta: Letres D.
Theoposta: devices

05. (x+1)
$TK+\Delta = \begin{pmatrix} x \\ x \end{pmatrix} \cdot x^{-\kappa} \cdot x^{\kappa}$
$T_{K} + \Delta = \begin{pmatrix} \gamma & \gamma & \chi \\ \chi & \chi & \chi \end{pmatrix}$
$TK+1=\begin{pmatrix} m \end{pmatrix} \cdot x^{m-K} - x^{\omega K}$
TK+1=mX.(m+K+2K)
m+K+2K=0
~+3K=0
m = -3K
m = K
hospesta: deta c.

06.



07.

