



## GABARITO LISTA 04

01. c

02. d

03. d

04. a)  $a = 7,5 \text{ m/s}^2$ .  $T = 150 \text{ N}$ .  
b)  $F = 750 \text{ N}$ .

05. d

06.  $6,0 \text{ m/s}^2$ .

07. a)  $a_A = a_B = 0$ .  
b)  $a_A = 0$  e  $a_B = 5,0 \text{ m/s}^2$ .  
c)  $a_A = 5,0 \text{ m/s}^2$  e  
 $a_B = 15 \text{ m/s}^2$ .

08. 17

09. CEE

10.  $\frac{T'}{T} = \frac{g+a}{g-a}$

11. a) 0,65 s.  
b)  $\Delta S_{\text{elevador}} = 2,5 \text{ m}$  e  $\Delta S_{\text{Terra}} = 0,5 \text{ m}$ .  
c)  $V = 7,7 \text{ m/s}$ .