a) 
$$H_0: \theta \ge \theta_0$$
  $VS. H_1: \theta < \theta_0$ 

b)  $H_0: \theta \le \theta_0$   $VS. H_1: \theta > \theta_0$ 
 $X - poes \times ulbomicoro$ 

b)  $necum VS. epunghou$ 
 $H_0: X \sim \Gamma_1(\theta_1; \beta_1) = \Gamma(\frac{b}{2}, 2)$   $VS. H_1: X \sim \Gamma_2(\lambda_1; \beta_2) = \Gamma(\frac{S}{2}; 3)$ 

2)  $C_punghou VS. necutu$ 
 $H_0: X \sim \Gamma_2$   $VS. H_1: X \sim \Gamma_1$ 
 $P(x) = P_0(T(X) \le t)$   $yether the entire of the$ 

R=6,66 L=0,05 N5

(1)  $X_1, \dots, X_n \sim \mathcal{N}(8,1)$ 

6) S=1xER: 2>5,539