5a. 
$$X = \{x_1, ..., x_n\} \rightarrow X = \{x_{er}, x_{ee}\}$$
  
 $f(x) = \{f(x_1), ..., f(x_n)\} \rightarrow f(x) = \{f(x_{er}), f(x_{ee})\}$   
 $f(x) \sim N(M, Z_1) \rightarrow (y_{ee}) \sim N([N_{ee}], Z_{x_{br}, x_{ee}})$