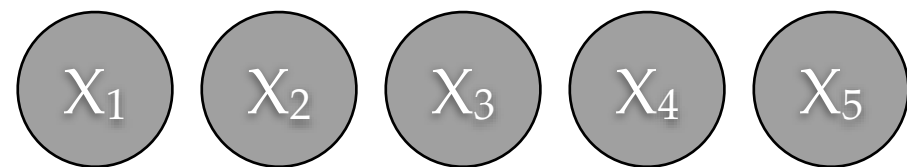
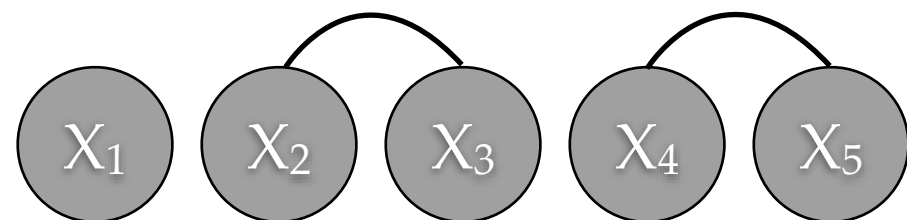


(a)



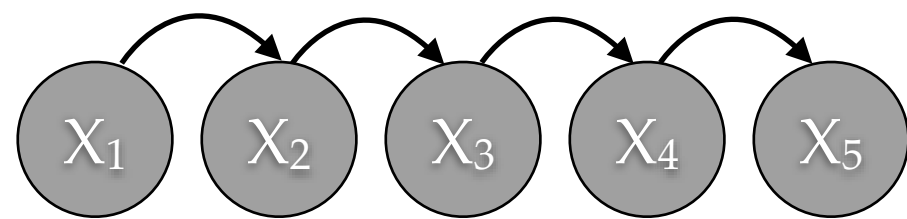
$$P(X_1)P(X_2)P(X_3)P(X_4)P(X_5)$$

(b)



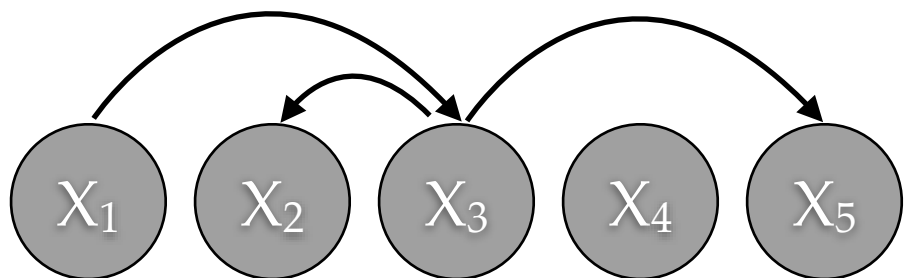
$$P(X_1)P(X_2, X_3)P(X_4, X_5)$$

(c)



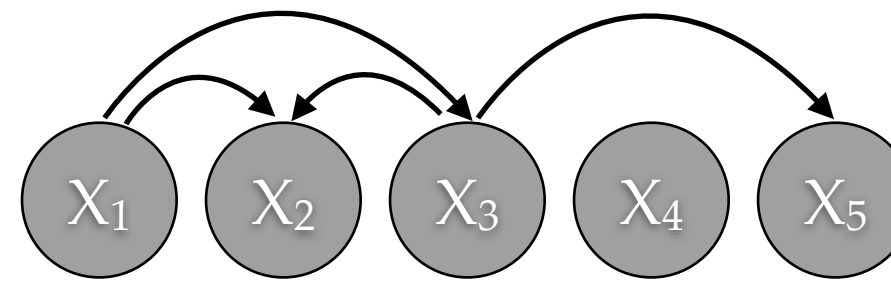
$$P(X_1) \sum_{i=2}^5 P(X_i | X_{i-1})$$

(d)



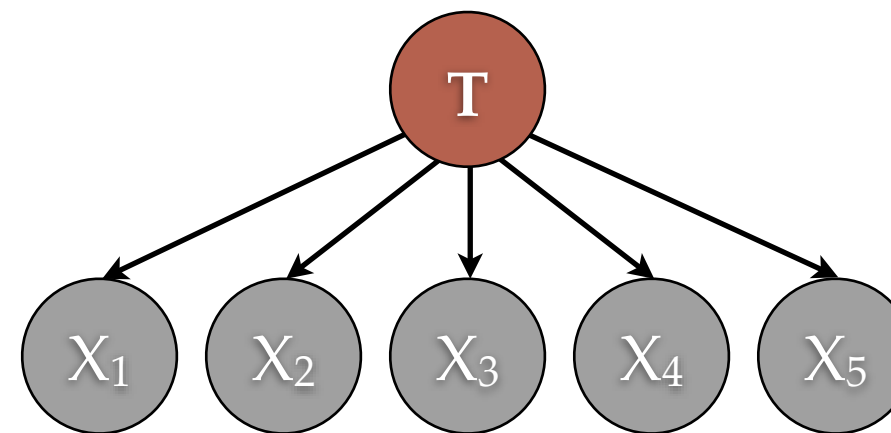
$$P(X_1)P(X_2|X_3)P(X_3|X_1)P(X_4)P(X_5|X_3)$$

(e)



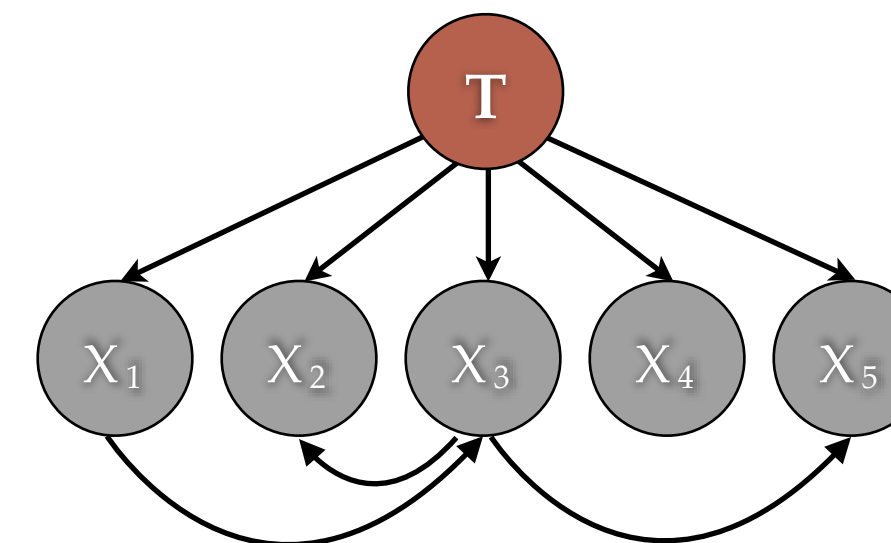
$$P(X_1)P(X_2|X_1, X_3)P(X_3|X_1)P(X_4)P(X_5|X_3)$$

(f)



$$\sum_T P(T)P(X_1|T)P(X_2|T)P(X_3|T)P(X_4|T)P(X_5|T)$$

(g)



$$\sum_T P(T)P(X_1|T)P(X_2|X_3, T)P(X_3|X_1, T)P(X_4|T)P(X_5|X_3, T)$$