

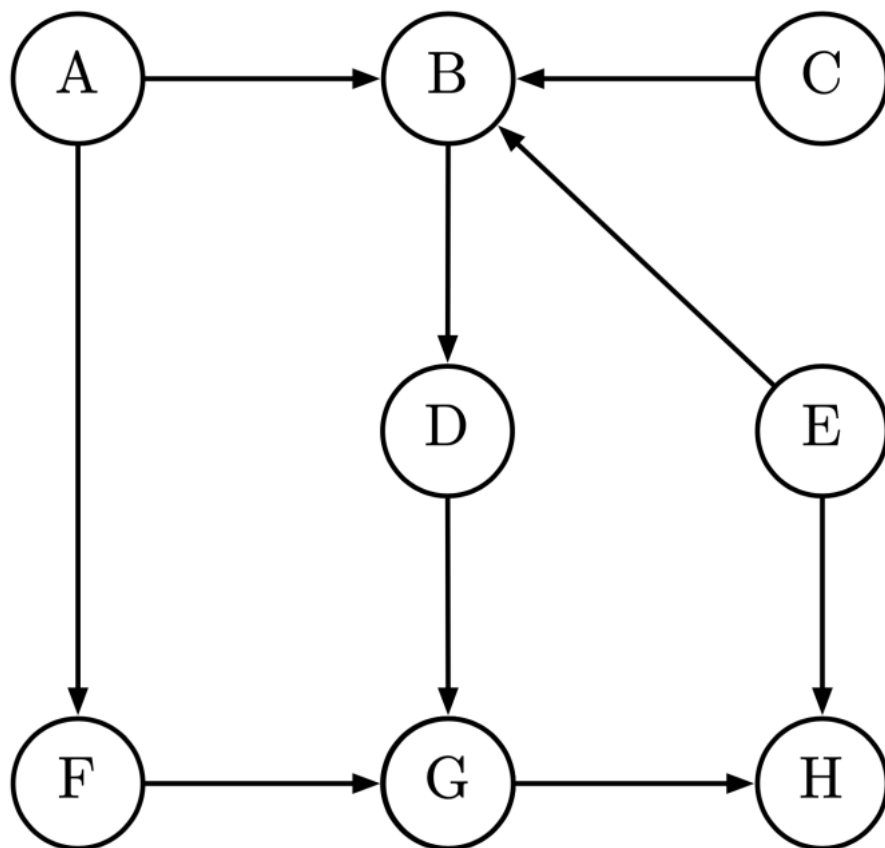


## AU332 Quiz12

\* 基本信息:

姓名: 学号: 

Consider the Bayes' net given below.



Remember that  $X \perp\!\!\!\perp Y$  reads as “X is independent of Y given nothing”, and  $X \perp\!\!\!\perp Y \mid \{Z, W\}$  read as “X is independent of Y given Z and W”.

For each expression, choose the corresponding circle to indicate whether it is True or False.

\*1. It is guaranteed that  $A \perp\!\!\!\perp B$ 

True

☒ False\*2. It is guaranteed that  $A \perp\!\!\!\perp C$ ☒ True

False

\*3. It is guaranteed that  $A \models D\{B, H\}$

True

☒ False

\*4. It is guaranteed that  $A \models E|F$

☒ True

False

\*5. It is guaranteed that  $G \models E|B$

True

☒ False

\*6. It is guaranteed that  $F \models C|D$

True

☒ False

\*7. It is guaranteed that  $E \models D|B$

☒ True

False

\*8. It is guaranteed that  $C \models H|G$

True

☒ False

提交

---

问卷星 提供技术支持