

# Congratulations! You passed!

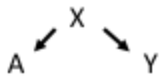
Grade received 100%

To pass 80% or higher

**Go to next  
item**

1.

1 / 1 point



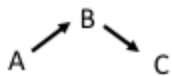
What type of path is this?

- ☐ inverted fork
- ☒ fork
- ☐ chain

✓ Correct

2.

1 / 1 point



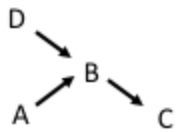
What type of path is this?

- ☐ inverted fork
- ☒ chain
- ☐ fork

✓ Correct

3.

1 / 1 point



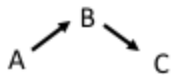
This DAG is consistent with which factorization of the joint distribution  $P(A,B,C,D)$ ?

- ☐  $P(D)P(A|D)P(B|A)P(C|A,B)$
- ☒  $P(D)P(A)P(B|D,A)P(C|B)$
- ☐  $P(D)P(A)P(B|D)P(C|A)$

✓ Correct

4.

1 / 1 point



Is there a collider on the path from A to C?

- ☒ No
- ☐ Yes

✓ Correct