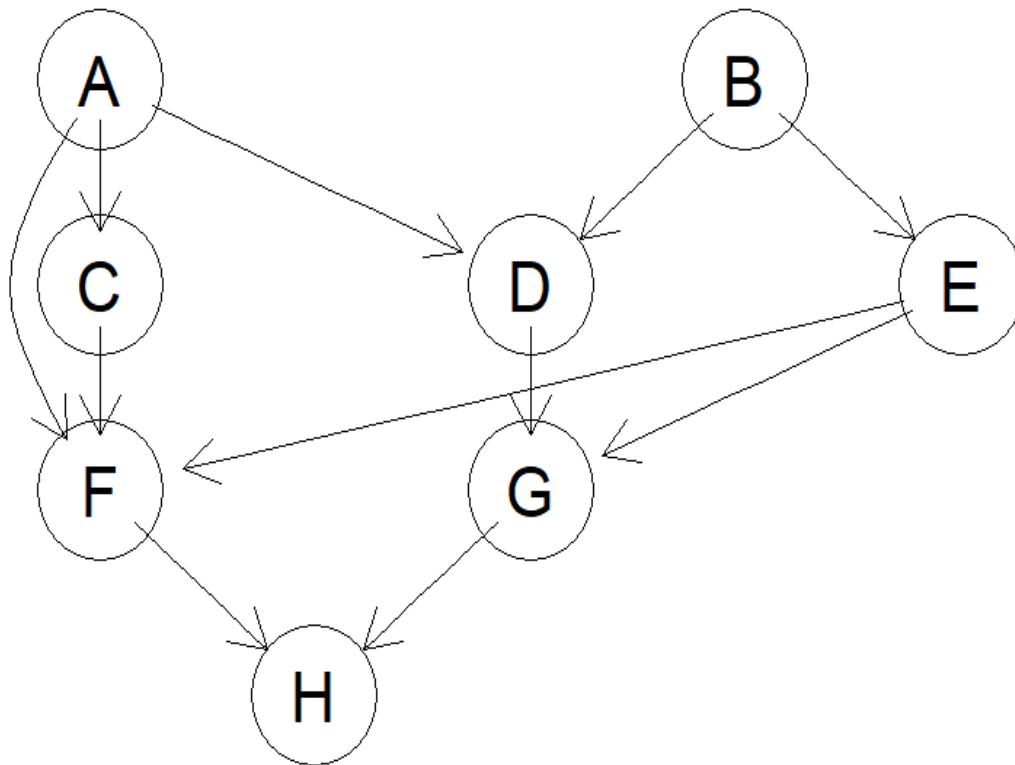


3.)



```
> dsep(as(dag,"matrix"),"C","G",cond = NULL)
[1] FALSE
> dsep(as(dag,"matrix"),"C","E",cond = NULL)
[1] TRUE
> dsep(as(dag,"matrix"),"C","E",c("G"))
[1] FALSE
> dsep(as(dag,"matrix"),"A","G",c("D","E"))
[1] TRUE
> dsep(as(dag,"matrix"),"A","G",c("D"))
[1] FALSE
> |
```

- A) C and G are d-separated. - FALSE
- B) C and E are d-separated. - TRUE
- C) C and E are d-connected given evidence about G. - FALSE
- D) A and G are d-connected given evidence about D and E. - TRUE
- E) A and G are d-connected given evidence on D. - FALSE