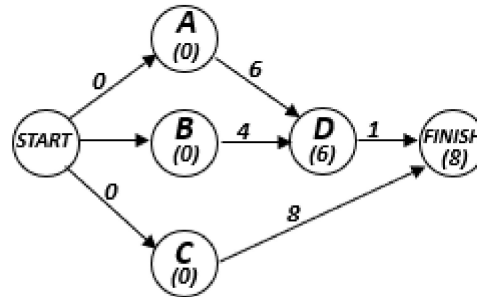


**Section 06-01 - Sample Quiz - EST Graphs**

**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

1. Which table below, would best match the EST graph shown at the right?



a.

TASK	TIME (hours)	PREREQUISITES
START	0	-
A. Shop & Purchase Dress	6	None
B. Hair & Make Up	4	None
C. Collect Donations	8	None
D. Host Celebration Party	1	A, B
FINISH	-	-

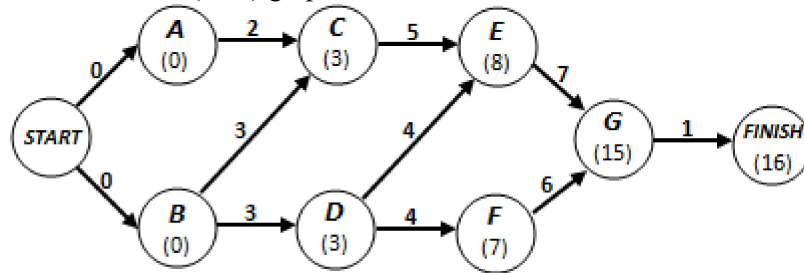
b.

TASK	TIME (hours)	PREREQUISITES
START	0	-
A. Shop & Purchase Dress	0	None
B. Hair & Make Up	0	None
C. Collect Donations	0	None
D. Host Celebration Party	6	A, B
FINISH	8	-

c.

TASK	TIME (hours)	PREREQUISITES
START	0	-
A. Shop & Purchase Dress	6	D
B. Hair & Make Up	4	D
C. Collect Donations	8	None
D. Host Celebration Party	1	FINISH
FINISH	-	-

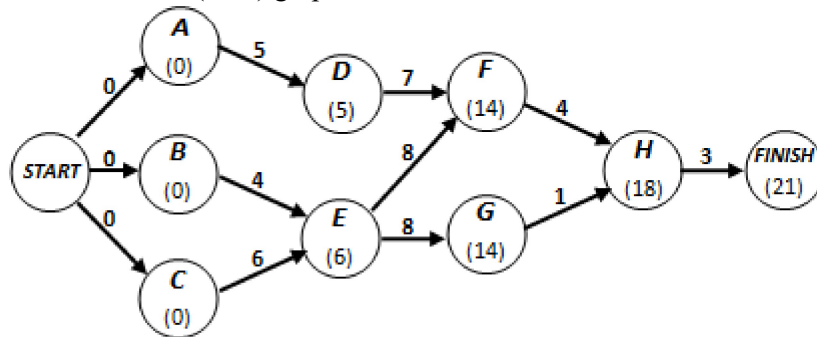
2. In the following Earliest Start Time (ESP) graph, assume each unit of time is an hour.



In the EST graph, two tasks are required before starting task E. Which prerequisite task finishes first?

- a. C
- b. D
- c. G
- d. F

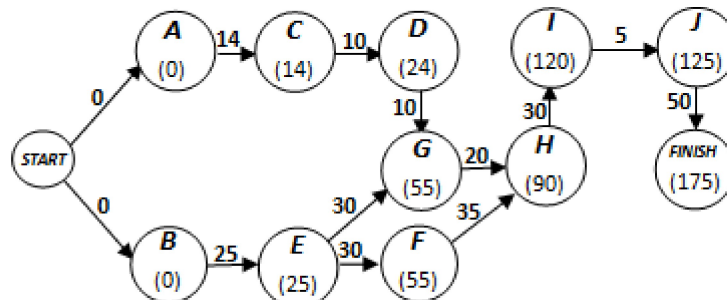
3. In the following Earliest Start Time (EST) graph, assume each unit of time is an hour.



In the EST graph, how long does it take to do just task E?

- a. 4
- b. 6
- c. 8
- d. 14

4. Using the following EST graph to answer the question (assuming the time unit is days).



Which of the following is the correct **critical path**?

- a. BEFHJIJ, 175
- b. ACDGHIJ, 175
- c. BEGHIJ, 175
- d. ABCDEFGHIJ, 175