

QUESTION

91, 92, 93

A single unit of Product A is composed of three (3) pieces of Part B and two (2) pieces of Part C. In the production plan for a particular period, when the demand for Product A is 10, which of the following is the net requirement of Part B? Here, the quantity in stock is five (5) for Part B, and there are no other pieces in stock, in process, on back order, or already allocated. The net requirement is calculated by subtracting the stock available for allocation from the gross requirement.

a) 20

b) 25

c) 30

d) 45

"A single unit of Product A is composed of 3 pieces of Part B and 2 pieces of Part C. The demand for Product A is 10 units."

Product A = 10

Product B = 3

Stock = 5

If you produce 1 Product A, you need 3 Part B.

If you produce 10 Product A, you need: $3 \times 10 = 30$ Part B

Then we subtract the stock (5) to get the net requirement: $30 - 5 = 25$

a) 20

b) 25

c) 30

d) 45

When the spreadsheet shown below is converted into CSV format, which of the following is an appropriate list of data that is generated by spreadsheet software? Here, records are separated by the carriage return code “CR”. The expression in a cell is automatically recalculated, and the resulting value is written back into that cell. Although the entered expressions are shown in row 3 and column C below, the resulting values are actually displayed on the screen.

	A	B	C
1	2	7	$A1+B2$
2	6	4	$A2+B1$
3	$A1+A2$	$B1+B2$	$C2+B3$

- a) 2, 6, 8 CR 7, 4, 11 CR 6, 13, 24 CR
- b) 2, 6, 8 CR 7, 4, 11 CR 9, 10, 19 CR
- c) 2, 7, 6 CR 6, 4, 13 CR 8, 11, 24 CR
- d) 2, 7, 9 CR 6, 4, 10 CR 8, 11, 19 CR

When the spreadsheet shown below is converted into CSV format, which of the following is an appropriate list of data that is generated by spreadsheet software? Here, records are separated by the carriage return code “CR”. The expression in a cell is automatically recalculated, and the resulting value is written back into that cell. Although the entered expressions are shown in row 3 and column C below, the resulting values are actually displayed on the screen.

The diagram illustrates the progression of a spreadsheet from initial input to final output. It consists of three tables connected by arrows:

- Initial State:** Row 1 contains 2, 7, and A1+B2; Row 2 contains 6, 4, and A2+B1; Row 3 contains the formulas A1+A2, B1+B2, and C2+B3. Cells A1, B1, and C2 are highlighted in green, while A2, B2, and C3 are highlighted in blue.
- Intermediate State:** Row 1 shows the result 6 (calculated from 2+7) and the formula A1+B2; Row 2 shows the result 13 (calculated from 6+4) and the formula A2+B1; Row 3 shows the formulas A1+A2, B1+B2, and C2+B3. Cells A1, B1, and C2 are highlighted in green, while A2, B2, and C3 are highlighted in blue.
- Final State:** Row 1 shows the result 6 and the formula A1+B2; Row 2 shows the result 13 and the formula A2+B1; Row 3 shows the results 8, 11, and 24. All cells now have their calculated values displayed. Cells A1, B1, and C2 are highlighted in green, while A2, B2, and C3 are highlighted in blue.

- a) 2, 6, 8 CR 7, 4, 11 CR 6, 13, 24 CR
- b) 2, 6, 8 CR 7, 4, 11 CR 9, 10, 19 CR
- c) 2, 7, 6 CR 6, 4, 13 CR 8, 11, 24 CR
- d) 2, 7, 9 CR 6, 4, 10 CR 8, 11, 19 CR

Which of the following is the most appropriate utilization of RPA for a company?

Robotic Process Automation (RPA)

- a) The adoption of an important strategy by management, such as an M&A
- b) The provision of a service that matches personal tastes
- c) The identification of patterns in large volumes of behavioral data concerning potential customers
- d) The streamlining of routine administrative work

Which of the following is the most appropriate utilization of RPA for a company?

Robotic Process Automation (RPA)

Robotic Process Automation (RPA) is best suited for automating repetitive, rule-based, routine tasks such as data entry, form processing, report generation, and other back-office administrative work.

- a) The adoption of an important strategy by management, such as an M&A
- b) The provision of a service that matches personal tastes
- c) The identification of patterns in large volumes of behavioral data concerning potential customers
- d) The streamlining of routine administrative work

THANK YOU