

The following information relates to questions 1 and 2

Cream Ltd produces a certain food item in a manufacturing process. On 1 November, there was no opening stock of work in progress. During November, 500 units of material were input to the process, with a cost of \$9,000. Direct labour costs in November were \$3,840. Production overhead is absorbed at the rate of 200% of direct labour costs. Closing stock on 30 November consisted of 100 units which were 100% complete as to materials and 80% complete as to labour and overhead. There was no loss in process.

- The full production cost of completed units during November was

A	\$10,400	C	\$16,800
B	\$16,416	D	\$20,520
- The value of the closing work in progress on 30 November is

A	\$2,440	C	\$4,104
B	\$3,720	D	\$20,520

total cost per completed unit = \$12
total cost per incomplete unit = \$8.25
- Process K had no opening stock. 13,500 units of raw material were transferred in at \$4.50. Additional material at \$1.25 per unit was added in process. Labour and overheads were \$6.25 per completed unit and \$2.50 per unit incomplete.

13,500 - 11,750 = 1,750

If 11,750 completed units were transferred out, what was the closing stock in Process K?

A	\$77,625	C	\$141,000
B	\$14,437.50	D	\$21,000

cost per incomplete unit = \$4.50 + \$1.25 + \$2.50 = \$8.25
1,750 x \$8.25 = \$14,437.50
- Raw materials costing \$12,800 were input to a process during a period. Conversion costs totalled \$18,430. There was no work-in-progress at the beginning of the period and no process losses during the period. 3,600 units of the product were completed in the period with 400 units remaining in the process at the end of the period, complete for materials and with 70% of the conversion costs applied.

What was the production cost per unit?

A	\$7.81
B	\$7.95
C	\$8.05
D	\$8.68
- In a production process the percentage completion of the work-in-progress (WIP) at the end of a period is found to have been understated.

When this is corrected what will be the effect on the cost per unit and the total value of WIP?

	<u>Cost per unit</u>	<u>Total value of WIP</u>
A	Decrease	Decrease
B	Decrease	Increase
C	Increase	Decrease
D	Increase	Increase
- In process costing what are equivalent units?

A	Production output expressed as expected performance
B	Production of homogeneous product
C	Notional whole units representing incomplete work
D	Units produced in more than one process
- Completed output from a manufacturing process in a period totalled 5,640 units. There was no work-in-progress at the beginning of the period but 780 units, 60% complete, remained in the process at the end of the period.

What are the equivalent units of the closing work-in-progress?

A	312	B	468	C	780	D	6,108
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