

100% Money Back
Guarantee

Vendor:Test Prep

Exam Code:CCE-CCC

Exam Name:Certified Cost Consultant / Cost Engineer
(AACE International)

Version:Demo

QUESTION 1

You have been hired as the cost engineer for a mechanical contractor and have been provided the following information:

Total budgeted hours	12,000
The planned project duration in days	130

Rules of credit are as follows:

Pipe received	5%
Hangers installed	10%
Pipe in place	30%
Welded	50%
Flushed	5%

The following question requires your selection of CCC/CCE Scenario 2 (2.3.50.1.2) from the right side of your split screen, using the drop down menu, to reference during your response/choice of responses.

9,375 hours have been expended to date. Planned completion at this time is 75%. The project is determined to be 66% complete. What is the current cost performance index (CPI)?

- A. 0.96
- B. 0.84
- C. 1.14
- D. 0.88

Correct Answer: C

QUESTION 2

A major theme park is expanding the existing facility over a five-year period. The design phase will be completed one year after the contract is awarded. Major engineering drawings will be finalized two years after the design contract is awarded and construction will begin three years after the award of the design contract. New, unique ride technology will be used and an estimate will need to be developed to identify these costs that have no historical data.

According to Maslow's hierarchy of needs, giving the employees an award that acknowledges their achievements is most likely to satisfy which level of need?

- A. Belonging needs
- B. Safety needs
- C. Power needs

D. Self-actualization

Correct Answer: D

QUESTION 3

Money is value. Having money when you need it is very important. Money can also be valuable when used wisely by knowing when to spend and when to conserve. Also, planning now for future expenses can be a plus to the company rather than a debit.

There are several ways to capitalize money and spending. Basically there is the single payment method that has a compound amount factor and a present worth factor. There is the uniform annual series that has a sinking fund factor, capital recovery factor and also the compound amount factor and present worth factor. At this point, we can assure money is worth 10%.

The following question requires your selection of CCC/CCE Scenario 7 (4.8.50.1.1) from the right side of your split screen, using the drop down menu, to reference during your response/choice of responses.

A contractor must purchase a piece of equipment for \$150,000. It has an estimated life of 10 years with no salvage value at the end. Ten years from now it will be necessary to purchase another piece of equipment, but this time it will cost \$250,000. How much will the contractor need to invest at the end of each year in order to have the right amount?

- A. \$15,687
- B. \$12,550
- C. \$16,273
- D. \$9,412

Correct Answer: C

QUESTION 4

You have been hired as the cost engineer for a mechanical contractor and have been provided the following information:

Total budgeted hours	12,000
The planned project duration in days	130

Rules of credit are as follows:

Pipe received	5%
Hangers installed	10%
Pipe in place	30%
Welded	50%
Flushed	5%

The following question requires your selection of CCC/CCE Scenario 2 (2.3.50.1.2) from the right side of your split screen, using the drop down menu, to reference during your response/choice of responses.

6,573 hours have been expended to date. Planned completion at this time is 60%. The project is determined to be 55% complete. How many hours have been earned?

- A. 6,600
- B. 6,960
- C. 7,200
- D. 6,573

Correct Answer: D

QUESTION 5

An agricultural corporation that paid 53% in income tax wanted to build a grain elevator designed to last twenty-five (25) years at a cost of \$80,000 with no salvage value. Annual income generated would be \$22,500 and annual expenditures were to be \$12,000.

Answer the question using a straight line depreciation and a 10% interest rate.

Which of the following should be included in the life-cycle cost analysis of a power plant?

- A. Construction cost, operating cost, maintenance cost
- B. Factory expenses, distribution expenses, mark-up
- C. Capacity factor, end product units, physical dimensions
- D. Resources, work activities, final cost objects

Correct Answer: A

QUESTION 6

A major theme park is expanding the existing facility over a five-year period. The design phase will be completed one year after the contract is awarded. Major engineering drawings will be finalized two years after the design contract is awarded and construction will begin three years after the award of the design contract. New, unique ride technology will be used and an estimate will need to be developed to identify these costs that have no historical data.

In an exit interview, an employee comments that the reason he is leaving the organization is lack of teamwork and cohesion among his co-workers. Which need of Maslow's hierarchy of needs is unmet?

- A. Belongingness needs
- B. Primary needs
- C. Self-actualization needs
- D. Esteem needs

Correct Answer: A

QUESTION 7

A major theme park is expanding the existing facility over a five-year period. The design phase will be completed one year after the contract is awarded. Major engineering drawings will be finalized two years after the design contract is awarded and construction will begin three years after the award of the design contract. New, unique ride technology will be used and an estimate will need to be developed to identify these costs that have no historical data.

After an individual's safety needs are met, what needs would the individual be motivated to fulfill next in Maslow's hierarchy of needs?

- A. Belonging needs
- B. Self-actualization
- C. Knowledge
- D. Pay and compensation

Correct Answer: A

QUESTION 8

An agricultural corporation that paid 53% in income tax wanted to build a grain elevator designed to last twenty-five (25) years at a cost of \$80,000 with no salvage value. Annual income generated would be \$22,500 and annual expenditures were to be \$12,000.

Answer the question using a straight line depreciation and a 10% interest rate.

If \$50 was invested at 6.0% on January 1, year 1, what would be the value of year-end withdrawals made in equal amounts each year for 10 years and leaving nothing in the fund after the tenth withdrawal?

- A. \$6.80
- B. \$3.10
- C. \$5.35
- D. \$2.22

Correct Answer: A

QUESTION 9

Which of the following is NOT a type of float?

- A. Total
- B. Negative

C. Open end

D. Free

Correct Answer: C

QUESTION 10

Money is value. Having money when you need it is very important. Money can also be valuable when used wisely by knowing when to spend and when to conserve. Also, planning now for future expenses can be a plus to the company rather than a debit.

There are several ways to capitalize money and spending. Basically there is the single payment method that has a compound amount factor and a present worth factor. There is the uniform annual series that has a sinking fund factor, capital recovery factor and also the compound amount factor and present worth factor. At this point, we can assume money is worth 10%.

The following question requires your selection of CCC/CCE Scenario 7 (4.8.50.1.1) from the right side of your split screen, using the drop down menu, to reference during your response/choice of responses.

If \$10,000 is invested now at 10% compounded annually, what will the investments be worth 10 years from now?

A. \$25,940

B. \$29,450

C. \$21,345

D. \$16,180

Correct Answer: A

QUESTION 11

Which of the following is NOT an aspect of quality management?

A. Quality assurance

B. Quality planning

C. Quality checking

D. Quality control

Correct Answer: C

QUESTION 12

You have estimated that the present day price for a piece of equipment is \$350,000. The delivery of the equipment is scheduled 30 months from today. The price of the equipment has been separated into the following categories:

Category	Percent
Steel	30
Copper	30
Manufacturing Labor	40

Based on information from forecasting services, the current cost index value and the expected inflation rate for each commodity is as follows:

INFLATION RATE (projected)

Commodity	Current Index	Year 1	Year 2	Year 3	Year 4
Steel	2.40	2.5%	2.5%	3.0%	2.0%
Copper	4.20	1.0%	1.5%	2.0%	2.0%
Manufacturing Labor	6.50	2.5%	3.0%	3.0%	3.5%

The following question requires your selection of CCC/CCE Scenario 4 (2.7.50.1.1) from the right side of your split screen, using the drop down menu, to reference during your response/choice of responses.

What is the cost of manufacturing labor for the piece of equipment today?

- A. \$140,000
- B. \$875,000
- C. \$210,000
- D. \$105,000

Correct Answer: A