Vendor: Test Prep

Exam Code:CBEST-SECTION-1

Exam Name: California Basic Educational Skills Test - Math

Version: Demo

QUESTION 1

A small town emergency room admits a patient on August 3 at 10:42 P.M. and another patient at 1:19 A.M. on August 4. How much time has elapsed between admissions?

A. 1 hour 19 minutes

B. 1 hour 37 minutes

C. 2 hours 23 minutes

D. 2 hours 37 minutes

E. 3 hours 23 minutes

Correct Answer: C

QUESTION 2

Third grade student Stephanie Wink goes to the school nurses office, where her temperature is found to be 98 degrees Fahrenheit. What is her temperature in degrees Celsius?

$$C = \frac{5}{9}(F - 32)$$

A. 35.8

B. 36.7

C. 37.6

D. 31.1

E. 22.4

Correct Answer: B

QUESTION 3

Water is coming into a tank three times as fast as it is going out. After one hour, the tank contains 11,400 gallons of water. How fast is the water coming in?

A. 2,850 gallons/hour

B. 3,800 gallons/hour

C. 5,700 gallons/hour

D. 11,400 gallons/hour

E. 17,100 gallons/hour

Correct Answer: E

QUESTION 4

A child has a temperature of 40 degrees C. What is the childs temperature in degrees Fahrenheit? F= 9/5 C + 32.

A. 100 degrees F

B. 101 degrees F

C. 102 degrees F

D. 103 degrees F

E. 104 degrees F

Correct Answer: E

QUESTION 5

There are 176 men and 24 women serving the 9th Precinct. What percentage of the 9th Precinct\\'s force is women?

A. 6%

B. 12%

C. 14%

D. 16%

E. 24%

Correct Answer: B

QUESTION 6

Thirty percent of the high school is involved in athletics. If 15% of the athletes play football, what percentage of the whole school plays football?

A. 4.5%

B. 9.0%

C. 15%

D. 30%

E. 45%

Correct Answer: A

QUESTION 7

A salesman drives 2,052 miles in 6 days, stopping at 2 towns each day. How many miles does he average between stops?

A. 171

B. 342

C. 513

D. 684

E. 1,026

Correct Answer: A

QUESTION 8

Which of the following is between1/3 and 1/4?

A. 1/2

B. 1/5

C. 2/3

D. 2/5

E. 2/7

Correct Answer: A

QUESTION 9

A cafeteria has three different options for lunch.

For $2, a customer can get either a sandwich or two pieces of fruit.

For $3, a customer can get a sandwich and one piece of fruit.

For $4, a customer can get either two sandwiches, or a sandwich and two pieces of fruit.

If Jan has $6 to pay for lunch for her and her husband, which of the following is not a possible combination?

A. three sandwiches and one piece of fruit

B. two sandwiches and two pieces of fruit

C. one sandwich and four pieces of fruit

D. three sandwiches and no fruit

E. one sandwich and three pieces of fruit

Correct Answer: A

QUESTION 10

Which of these is equivalent to 35C? (F = 9/5 C + 32)

A. 105 degrees F

B. 95 degrees F

C. 63 degrees F

D. 19 degrees F

E. 5.4 degrees F

Correct Answer: B

QUESTION 11

What is another name for 20,706?

A. 200 + 70 + 6

B. 2000 + 700 + 6

C. 20,000 + 70 + 6

D. 20,000 + 700 + 6

E. 20,000 + 700 + 60

Correct Answer: D

QUESTION 12

If Linda purchases an item that costs $30 or less, she will pay with cash. If Linda purchases an item that costs between $30 and $70, she will pay with a check. If

Linda purchases an item that costs $70 or greater, she will use a credit card.

If Linda recently paid for a certain item using a check, which of the following statements could be true?

A. The item costs $20.

B. The item costs $80.

C. If the item had cost $20 more, she would have paid with cash.

D. The item costs at least $70.

E. The item costs more than $25.

Correct Answer: E