**Computers**

**QUESTION**
The number of bytes in a 4 MB memory is
(A) 4,000
(B) 4,000,000
(C) 4,194,304
(D) 32,000,000

**HINT**

\[ 1\text{MB} \neq 10^6 \text{ B}, \text{ but } 2^{20} \text{ B} \]

**SOLUTION**

Since

\[ 1\text{MB} \neq 10^6 \text{ B}, \text{ but } 2^{20} \text{ B}, \]

\[ 2^{20} = 1,048,576 \]

So

\[ 4 \text{ MB} = 1,048,576 \times 4 \]

\[ = 4,194,304 \text{ B} \]

**ANSWER**

(C)

**CONTRIBUTOR**

This question of the day was provided by the courtesy of Professor Autar Kaw of the University of South Florida from the book *Fundamentals of Engineering Examination Sample Questions General Engineering.*