

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

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

SOLUTION

Since

$1\text{ MB} \neq 10^6\text{ B}$, but 2^{20} 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](#).