

**TOPIC**

Computers – Section IV – Question 1

**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**

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

**SOLUTION**

Since

$1\text{MB} \neq 10^6 B$ , 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**

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