

**TOPIC**

Computers – Section IV – Question 6

**QUESTION**

Given the following algorithm

```
SUM = 1
FOR I = 1 TO 10
SUM = SUM+I
NEXT I
```

The value of SUM at the end of the loop is

- (A) 1
- (B) 10
- (C) 55
- (D) 56

**HINT**

Arithmetic progression formula for  $1 + 2 + 3 + \dots + n$  is  $\frac{n(n+1)}{2}$

**CONTRIBUTOR**

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