

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

The 9th term of an A.P. is 449 and 449th term is 9. The term which is equal to zero is
(a) 501th (b) 502th (c) 508th (d) none of these

Normal solution:

$$T_9 = 449 = a + 8d \dots\dots (i)$$

$$T_{449} = 9 = a + 448d \dots\dots (ii)$$

$$T_2 = 0$$

$$n = ?$$

Subtract (ii) from (i)

$$440 = -440d$$

$$\Rightarrow d = -1$$

Put in (i)

$$449 = a - 8$$

$$\Rightarrow a = 449 + 8 = 457$$

$$T_n = a + (n-1)d = 0$$

$$457 + (n-1)(-1) = 0$$

$$\Rightarrow 457 = n - 1$$

$$\Rightarrow n = 458, \text{ So (d) is the correct option.}$$



Pioneer Smart solution:

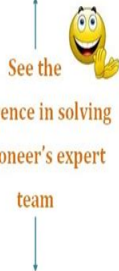
$$T_9 = 449$$

$$T_{449} = 9$$

$$T_{508} = 0$$

$$T_{458} = 0, \text{ so (d) is correct option}$$

$$\text{Trick: If } T_n = n, T_m = m, \text{ then } T_{m+n} = 0$$



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