



JSTSE : PREVIOUS YEARS

(Mathematics : Arithmetic Progressions)

1. If $y = 11 + (-10) + 11 + (-10) + \dots$ 20 terms, $x = -23 + 22 + (-23) + 22 + \dots$ 40 terms
then value of $(y - x)$ is **(2014)**
- (1) 30 (2) 40
(3) 20 (4) 10

Ans. (a)

2. The sum of five consecutive odd natural numbers is 65. The sum of the extreme numbers is **(2015)**
- (a) 24 (b) 26
(c) 28 (d) 30

Ans. (b)