

**B.** The sum of the first  $2n$  terms of

$$1, 1, 2, \frac{1}{2}, 4, \frac{1}{4}, 8, \frac{1}{8}, 16, \frac{1}{16}, \dots$$

is

(a)  $2^n + 1 - 2^{1-n}$ ,      (b)  $2^n + 2^{-n}$ ,      (c)  $2^{2n} - 2^{3-2n}$ ,      (d)  $\frac{2^n - 2^{-n}}{3}$ .