

Right Shift

$$A \gg 2 \text{ or } 11$$

A \rightarrow 10000 $\rightarrow 2^0$

$\nearrow \nearrow \nearrow \nearrow \nearrow$

$2^4 \ 2^3 \ 2^2 \ 2^1 \ 2^0$

$16 + 0 + 0 + 0 + 0 = 16$ Ans

1x

trick \rightarrow (i) Input $>$ output

(ii) Input $\times 2$ - n bits

(iii) " $\div 2^n$

$$16 \div 2^2 \Rightarrow 16 \div 4 = 4 \text{ Ans}$$

16 Ans

1 0 0 0 0

$\searrow \searrow \searrow \searrow$

0 0 1 0 0

$\nearrow \nearrow \nearrow$

$2^2 \ 2^1 \ 2^0$

$4 + 0 + 0 = 4$ Ans