## QUESTION

Express the following as products of primes:-
(i) 132
(ii) 400
(iii) 1995
and hence write down $\operatorname{gcd}(132,400), \operatorname{gcd}(132,1995)$ and $\operatorname{gcd}(400,1995)$.
ANSWER
(i) $132=2^{2} .3 .11$
(ii) $400=2^{4} \cdot 5^{2}$
(iii) $1995=3 \cdot 5 \cdot 7 \cdot 19$
$\operatorname{gcd}(132,400)=2^{2}=4, \operatorname{gcd}(132,1995)=3, \operatorname{gcd}(400,1995)=5$

