

- 2(i) false. cube of an odd no. is always odd.
- (ii) true.  $\because$  a no. ending with two zeros has a pair of 2's and a pair of 5's as factors. It cannot have both 2 and 5 in triplets
- (iii) false  $15^2 = 225$  ends in 5  
 $15^3 = 3375$  does not end in 25
- (iv) false  $2^3 = 8$
- (v) false smallest 2 digit no. = 10  
 $10^3 = \underline{\underline{1000}}$  [a 4 digit no.]
- (vi) false largest 2 digit no. = 99  
 $99^3 = \underline{\underline{970299}}$  (six digits)
- (vii) true  $1^3 = \underline{\underline{1}}$   
 $2^3 = \underline{\underline{8}}$  [1, 8 are single digit nos]