Question:

If three cubical dice are thrown, in how many ways can they fall ?

A. 6
B. 36
C. 72
D. 216

Answer:

Each cubical die has 6 faces

Each of them can fall making any 1 of its 6 faces up.

6 choices for each die to face up.

∴ There are $6 \times 6 \times 6 = 216$ no. of ways they can fall

∴ Ans : Option (D)