



PATNER HOUSE (GROUND-FLOOR), BASANT
VIHAR COLONY, OPP- TAPASYA COMPLEX,
BORING ROAD PATNA - 800001. PH NO.
9430284180

1. The maximum height attained by a projectile is $\sqrt{3}/4$ times its horizontal range. The angle of projection of the projectile with the horizontal is

(a) 30°

(b) 45°

(c) 60°

(d) $\tan^{-1}\left(\frac{\sqrt{3}}{2}\right)$