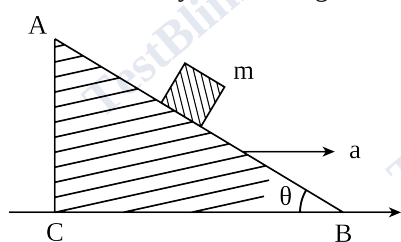


Max. Marks: 4

Questions: 1

Q.1 A block of mass m is placed on a smooth inclined wedge ABC of inclination θ as shown in the figure. The wedge is given an acceleration 'a' towards the right. The relation between a and θ for the block to remain stationary on the wedge is [NEET 2018]



- $$\begin{array}{ll} (1) a = \frac{g}{\operatorname{cosec} \theta} & (2) a = \frac{g}{\sin \theta} \\ (3) a = g \cos \theta & (4) a = g \tan \theta \end{array}$$

Scan or tap for the full solution



Ques.	1								
Ans.	4								