20 MA **1** Which inequality gives the domain of $\sqrt{2x-3}$? **1**

A. $x < \frac{3}{2}$ B. $x > \frac{3}{2}$ C. $x \leq \frac{3}{2}$ D. $x \geq \frac{3}{2}$

D

As $\sqrt{2x-3} \geq 0$, then $2x - 3 \geq 0$

$$2x \geq 3$$

$$x \geq \frac{3}{2}$$

$\therefore$ the domain is $x \geq \frac{3}{2}$.

State Mean: **0.65/1**

* These solutions have been provided by *projectmaths* and are not supplied or endorsed by NESA.