

19 A rectangular metal bar exerts a pressure of 15 200 Pa on the horizontal surface on which it rests.

If the height of the metal bar is 80 cm, what is the density of the metal?

A 190 kg m^{-3}

B 1900 kg m^{-3}

C $19\,000 \text{ kg m}^{-3}$

D $190\,000 \text{ kg m}^{-3}$

20 Which row best defines elastic and plastic behaviour of a material?