Problem-2

A beaker containing water weighs 100 g. It is placed on the pan of a balance and a piece of metal weighing 70 g and having a volume of 10 cm^3 is placed inside the water in the beaker. The weight of the beaker and the metal would be:

(a) 170 g

(b) 160 g

(c) 100 g

(d) 30 g