

- 18** A car travelling on a level road at a steady  $20 \text{ m s}^{-1}$  against a constant resistive force develops a power of 40 kW.

What is the magnitude of the resistive force?

- A** 200 N                      **B** 800 N                      **C** 2000 N                      **D** 4000 N

- 19** A turbine at a hydroelectric power station is situated 20 m below the level of the surface of a large