

- 26** The ratio of turns of the primary coil to the secondary coil of a practical transformer is 10:1. The primary coil p.d. and current are 20 V and 3 A respectively. The efficiency of the transformer is 0.8.

Assuming that the energy loss is purely due to the resistance of the windings, which of the following statements is false?

- A** The secondary voltage is 2 V.
- B** The secondary current is 24 A.
- C** The output power is 60 W.
- D** The power loss is 12 W.