

Two batteries with e.m.f 12V and 13V are connected in parallel across a load resistor of 10. The internal resistance of the two batteries are 1 and 2 respectively. The voltage across the load lies between

[JEE (Main) 2018, 4/120, -1]

- (1) 11.4V and 11.5 V
- (2) 11.7V and 11.8V
- (3) 11.6V and 11.7V
- (4) 11.5V and 11.6V

Answer - a