

**STREAM : ELECTRICAL ENGINEERING****SAMPLE QUESTIONS**

1. A metal filament lamp X is rated at 40 watts, 100 volts is connected in series with another lamp Y of the same type rated at 100 watts and 200 volts. If a voltage of 200 volts is applied across the combination then –
  - a. Lamp X gives more light
  - b. Lamp Y gives more light
  - c. Both X & Y are equally bright
  - d. None of the lamps glow
2. Seema and Rajat start together from a point. They walk 10 kms toward North. Seema turns to her left and walks 5 kms, while Rajat turns right and walks only 3 kms. Now Seema turns towards her left and Rajat towards his right and both walk 15 kms forward. How far are they from each other?
  - a. 2 kms
  - b. 8 kms
  - c. 13 kms
  - d. 15 kms
3. A and B can do a work in 60 days which B & C can do in 45 days and C & A in 90 days. All the three working together will do it in how many days?
  - a. 20 days
  - b. 60 days
  - c. 40 days
  - d. 90 days
4. Who was also called as 'Gurudev'?
  - a. Mahatma Gandhi
  - b. Lala Lajpat Rai
  - c. Rabindranath Tagore
  - d. Lal Bahadur Shastri
5. Choose the word that is nearly the SAME in meaning as the given word: Meander
  - a. Travel
  - b. Run
  - c. Walk
  - d. Wander at random