

01. Can we apply Coulomb's law for moving charges relative to each other?
02. Are electric field lines open or closed?
03. What is electric potential? Give an example of potential difference what relates theoretical construct to a practical case.
04. If two charges of same magnitude are moved from one equipotential surface to another traversing different distances, will the work done be equal for both cases or not?
05. Each of three charges,  $1\text{C}$ ,  $4\text{C}$  and  $2\text{C}$ , is placed on each of three vertices of an equilateral triangle of side  $10\text{m}$ . What is their mutual potential energy?