

Part A Section I [QP Code: 19E(A)]

Here, the candidates can find the answers to Section I of Part A, with each question carrying 2 marks.

Questions	Correct Answers
1. Write any two uses of Nanotubes?	<ul style="list-style-type: none">• Nano tubes are used as molecule wires.• In integrated circuits nano tubes are used to connect the components together.• Nano tubes are used to insert bio - molecules into the single cell.
2. What would happen if the magnetic field could not apply force on a current carrying conductor? Guess and write.	The absence of an induced magnetic field around a current-carrying conductor would fundamentally alter the behavior of electromagnetism, leading to a lack of functionality in numerous electrical and electronic devices and technologies
3. List out the material required to prove corrosion of iron occurs in presence of water and air.	3 test tubes 3 iron nails oil water anhydrous calcium chloride rubber corks.