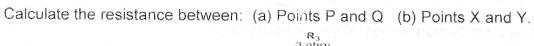
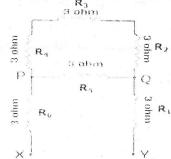
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| | ATOMIC EN | ERGY CENTRAL | SCHOOL, N | ARORA | • |
| MM: 40 | CLASS X SC | CIENCE PERIODIC | TEST FIRST 20 | 18-19 TIME: 1:30 Hr. | |
| General Instruct | ions: | | 8 | | |
| ElectronicUse Blue | ons are compulsory c devices are prohib or Black Pen only, ite answer or objecti | ited to use in the ex | amination. | each question. | |
| | | PHYSICS (13 IV | MOKE | | |
| | | | | | |
| the length of | the wire is doubled | , what is the change | in its resistivity? | | es aj |
| In households Why is it so? | s, most electrical de | vices are connected | d in parallel comb | pination in electrical cir | cuits |
| 3) What is resist | ance? In the given | graph, which wire h | as more resistan | ce, A or B? | |
| | | | B → | | |
| 4) Two bulbs, o parallel to a | ne rated 100 W at 2 220 V supply. What | 220 volts and the oth | ner 60W at 220 v om the supply line | olts are connected in e? | 3 |
| 5) a) State Ohm | n's law. Give its mat | hematical expression | on. | | |
|) Six resistor | rs, each of 3 \(\text{are c} \) | onnected as shown | in the figure belo | >₩ , | 5 |





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CHEMSITRY (13 MARKS)

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