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For TIFR, IIT JAM, ISI M.Math and Subject GRE

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| Lesson 1 | September 1 , 2021 | <ol style="list-style-type: none">1. Binary Composition2. Concept of Identity and Inverse of an element.3. Definition of Group. |
| Lesson 2 | September 8 , 2021 | <ol style="list-style-type: none">1. Examples of Groups2. Finite Groups and order of an element3. Symmetry |
| Lesson 3 | September 15 , 2021 | Permutation Group |
| Lesson 4 | September 22 , 2021 | <ol style="list-style-type: none">1. Subgroups and some examples2. Cyclic Groups |
| Lesson 5 | September 29 , 2021 | Cosets and Lagranges Theorem |
| Lesson 6 | October 6 , 2021 | <ol style="list-style-type: none">1. Normal Subgroup2. Quotient Group |
| Lesson 7 | October 20 , 2021 | <ol style="list-style-type: none">1. Homomorphism of Groups2. Caley's Theorem |
| Lesson 8 | October 27 , 2021 | Isomorphism Theorems |
| Lesson 9 | November 3 , 2021 | Conjugacy Classes and Cauchy's Theorem |
| Lesson 10 | November 10 , 2021 | Sylow's Theorems and Simple Groups |
| Lesson 11 | November 17 , 2021 | Review and Problem Solving |
| Lesson 12 | November 24 , 2021 | Review and Problem Solving |