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CLASS XII

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Comprehensive Practical Chemistry XII Dr. N . K. Verma, B. K. Vermani, Dr. Neera Verma, K . K. Rehani, 2011-11

Practical/Laboratory Manual Chemistry Class XII based on NCERT guidelines by Dr. S. C. Rastogi, Er. Meera Goyal Dr. S. C. Rastogi, Er. Meera Goyal, 2020-06-22

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Comprehensive Chemistry XII, *Comprehensive Chemistry Activities Vol.I XI* Dr. N. K. Verma, 2011-12

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Vermani, Dr. Neera Verma, 2010-02 Comp. Lab Manual Chemistry X Bindu Sharma, 2023 **EduGorilla's CBSE Class**

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