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| **Homework** | **Classwork** | **Topic** | **Chapter** |
| Problems # 11.1, 11.2 (Elastic settlement)  11.3 : consolidation test  11.5: consolidation test  11.9: primary consolidation  11.12: primary consolidation  11.13: Rate  11.15: Rate  11.16: Rate &settlement  11.18: Rate and Cv  11.19: Comprehensive problem | Examples  11.1: Elastic  11.2: e-log sigma  11.3: e-log sigma, Cc  11.4: Primary Cons.  11.5: Primary cons.  11.6: Secondary comp.  11.7:rate  11.9: Cv  11.10:  11.11: Cv  11.14: Settlement (comprehensive) | **Compressibility of soil** | Chap.#11 |
| **Problems**  10.1 : Mechanics  10.3: Mechanics  10.5: Mechanics  12.1: Direct shear test  12.2:Direct shear  12.3:Direct Shear  12.4: Direct shear test  12.6: CD test  12.7: CD test  12.11: Cu tests  12.13 CD test  12.16 CU test with p.w.p  12.19: CU test with p.w.p | **Examples**  10.1: Mechanics  10.2: Mechanics  12.1: Direct shear test  12.2: Direct shear test  12.3 : CD test  12.4: CD test  12.5: CD test  12.6: CD test  12.7: CU test  12.10:Stress path | **Shear Strength** | Chap.# 12 |
| **Problems**  15.3: Infinite with seepage  15.5: Infinite slope  15.6: Culmann’s method  15.11: Mass method  15.13: Taylor’s chart  15.17: Taylor’s C-phi  15.20: Ordinary method  Solve Part b. of Problem# 15.20 using Bishop method of slices | **Examples**  15.1: Infinite  15.2: Infinite with seepage  15.3: Culmann’s Method  15.4 : Mass procedure  15.6: Mass Procedure (C-Phi)  15.9: Ordinary method | **Slope Stability** | Chap.# 15 |
| **Problems**  13.1: At-rest  13.6: Rankin- Active  13.9: Rankine –Passive  13.13: Rankine – Layered  13.17: Rankine –inclined  13.22: Coulomb - Active | **Examples**  13.1: InfiniteAt-rest  13.2: Rankine  13.3: Rankine  13.4: Rankine | **Lateral Earth Pressure** | Chap.# 13 |