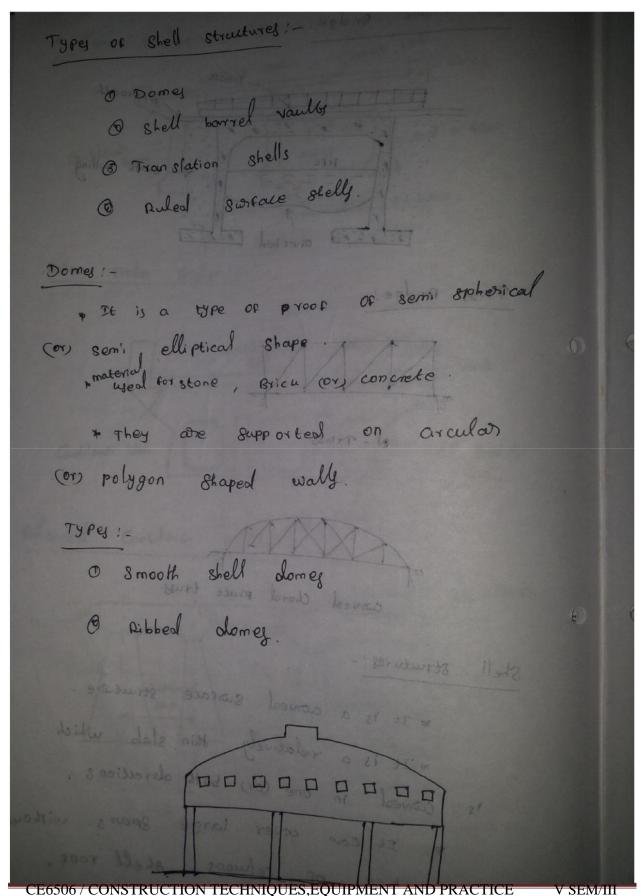
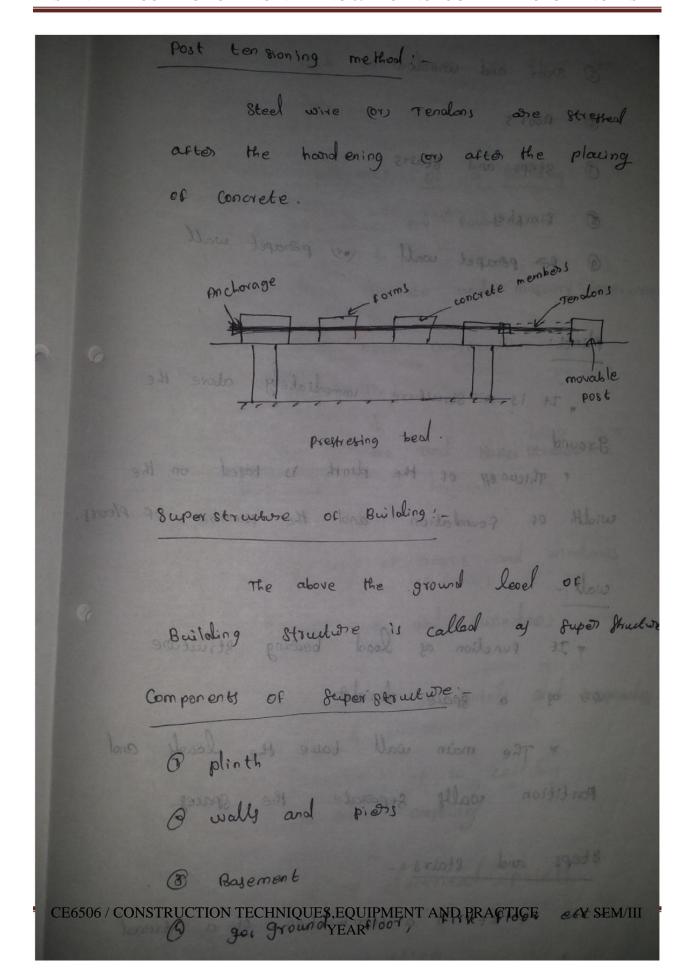


YEAR



O structural shell's capable of transmitting loady in more than two directions to Support paragram (10) 16 pport @ shelly provide uninterrupted space without columns. 1 It have less dead weight It is highly economical 1 Dt give befter Ventilation 1 It give better apperance and provide good perfecting surrang. O Construction time is very low composit to otto type or construction. (3) Demerits of Shell Roofs : 200 00 10 Post reasoned method O It can sustain only direct stressey and no bending is permistible. O It can take only a negligible amo CE6506 / CONSTRUCTION TECHNIQUES, EQUIPMENT AND PRACTICE V SEM/III

3 Any Lamageol Caused to the shell Can not be Repaired eatily @ Colour washing the shell roof needs special ladder (or) Temporary scaffolding IN SITU PRESTRESSED CONCRETE : 1 * It give more tensile stress against the heavy I al. * This concrete is first sit compressive Stresses before the cateral loady are + It induing tensile streyes catemal loady one courteracted. method or prestressing , 25 6 pre ten sioned method O post rensioned method. a desert street, and pre tensioned method: * steel wirey (or) Tendons are stressed before placing



1 Door and window CO ROOFS @ steps and stairs (8) Finishey a la parapet wall (or) parapet wall It is a structure immediately above the ground lose lose passager r Throwney of the plinth is based on the wialth of foundation and the Number of Ploors wall !- local knows at soods at (1) + It function as load bearing structure (or) as a space divider. * The main wall take the localy and partition walls separate the spaces. 8teps and stairs 1-+ It is a combination of a tread

* It is used for move one floor to another floor. Construction sequence of a Building Excavation for foundation Base concrete and majorry construction 20 15 of muller subreged buildings; acco a was ender Plinth beam construction and Sand Filling floor concrete and super structure Construction cololand laparo 12 illum Preparation of Doors and windows (3) noisely of fixing tooks and windows word Construction of lintely and sungfigaley 7 8 GO 11 Storiet 7 Brica work up to ceiling alanda and roof Cellving O Economy in the of hell law fixing electrical points CE6506 / CONSTRUCTION TECHNIQUES, EQUIPMENT AND PRACTICE V SEM/III YEAR concreting

Remove form work play tering floor finishing painting and fixing sittings. Tall Structures! It is a multi storeyed buildings, R.C.C Chimney, elevated water tanky, cooling towers. Tall Building: multi storeyed building is called Building * If prohibitive land cost in whan areas and demand to meet large population 63 in whan arread. Construction or hotely and supple + s to 11 stories. Advantages a or Tall Building: O Economy in use of less land for construction. Freedom From Street noisep CE6506 / CONSTRUCTION TECHNIQUES, EQUIPMENT AND PRACTICE

pleasant Enables better day lighting and greater. resported and the base of the conv Disadvantages of Tall Buildings! O Density of population is high in a small area. 0 Prevention of congestion is difficult. B prevention of audent due to fire, earthqualle disasters (para) soil squa a posey a number of soual and human Problems. (is ARTICULATED STRUCTURE !-Articulated Structure means the separation of a structure into two or elements and join the entire Structural elements such that functions as a single monolithic structure. CE6506 / CONSTRUCTION TECHNIQUES, EQUIPMENT AND PRACTICE V SEM/III

It is a transportation devices which function adopting the friction blw the materials being transported and the base of the conveyes called the belt. Disable (age) OF Tall Buildings: Type of Convey ens:-Density of population is high in a small O Bell Conveyors @ shallesto Conveyer spran so not revery @ Chain (on) Cable Conveyery nother son @ pipe line Conveyor some assumptions 9 Screw Conveyers admin to 19209 8) @ Elevating Conveyorg. Coffer dam -Deep excavation, rever diversion worky of our strain substitutes a so no horses require some type of temporary con Permanent retaining structures Is called ay cosses dan CE6506 / CONSTRUCTION TECHNIQUES, EQUIPMENT AND PRACTICE

YEAR

Types of cofferdam O Cantilever Sheet piles Braceal Coffer dans 0 Edith Embanument 3 @ Double wall coffordams @ Cellular coffer dam. CE6506 / CONSTRUCTION TECHNIQUES, EQUIPMENT AND PRACTICE V SEM/III YEAR