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Subject

Construction Management
And Project.

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Assignment

01

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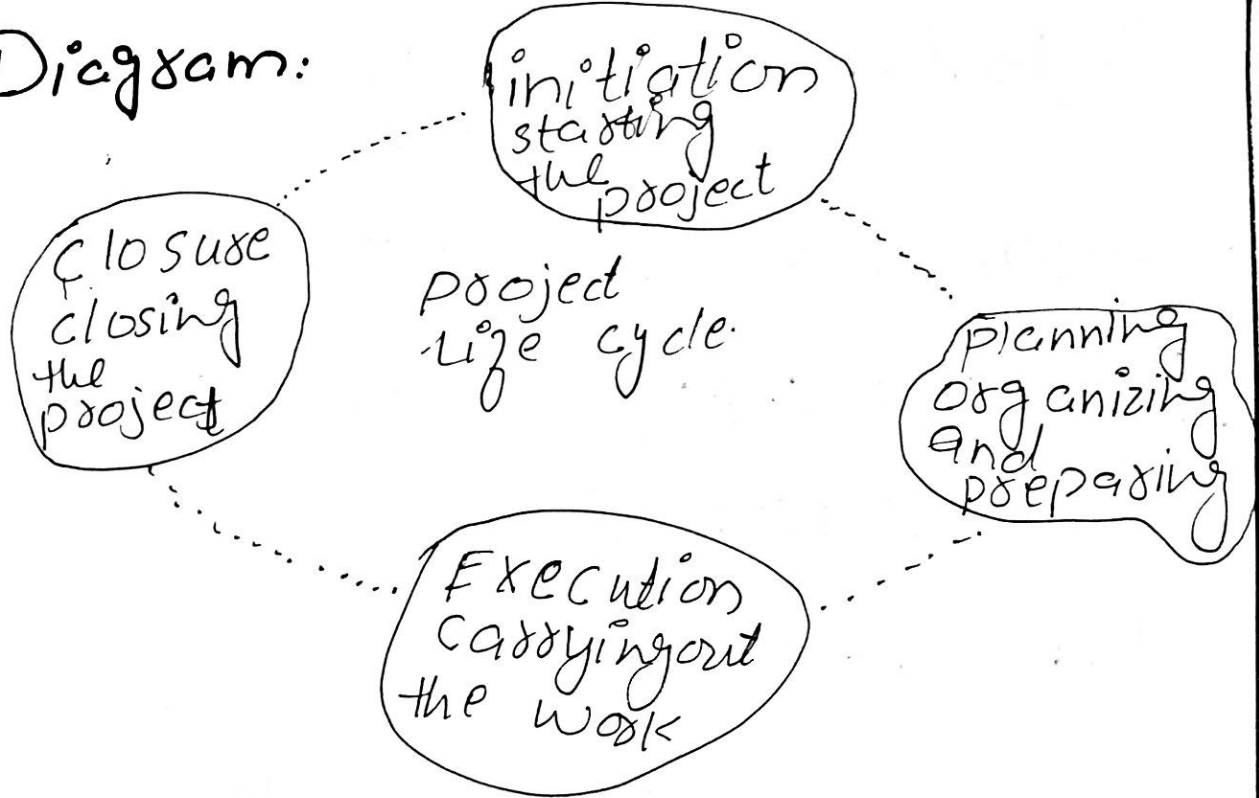
What is Project Life cycle:-

→ It describe all the activities which are involved from the start of or bussiness to successful completion.

→ It explain a series and phase of project completion.

→ The project life cycle consist of four phases initiation, planning and execution including monitoring and controlling, and evaluation.

Diagram:



Stages In PLC:-

① Initiation phase:-

The initiation phase is begins by defining the scope, purpose, objectives resources, deliverables, timescales and structure of the project. The next step is to develop a business case (Feasibility study, Terms of Reference, project team.

2) Project Plan:-

Which the project manager will refer throughout the project to monitor and control time, cost and quality (Resource plan, Financial plan, Quality plan, Risk plan, Acceptance plan).

3) Project Execution:-

The project Team produces the deliverables while the project manager monitors and control the project delivery by understanding (Time mgt, cost mgt, quality mgt, change mgt, Risks, communication management).

4) Evaluation :- (Also known as post Implementation Review)

should be carried out to determine

The projects overall success and find out whether the benefits started in the original business case were actually realized. Any lessons learned should be documented for future project.

Problem 2:-

Construction Project:-

Construction project means any capital project paid for in full or in part by the town through its own eligible funds to construct or remodel any building, decorative or commemorative structure, part or any portion thereof within the corporate limits of the town and with respect to the construction of which building is required under state law.

Types of construction projects ³

1) Residential:-

These projects include townhouses, condominiums, Apartments, cottages, subdivisions, and single unit dwellings. The designs are usually made by engineers and architects and construction executed by builders.

2) Building:-

Constructing buildings is the most common types of project. It's a process of adding structures to properties. Most projects are small renovations of or room additions most new building projects involve constructions of sheltered enclosures with access for housing people, machinery, equipment, and supplies. It also include installation of equipment & utilities.

3) Commercial And installation:-

These include builded project sizes and types a whole lot of clinics, schools, Universities, stadium sports facilities, shopping centers, retail stores. warehouses, manufacturing plant etc. special engineers and architects are usually hired for the construction of these buildings. There are very few competitors in this market segment since it costs a lot of money and requires greater sophistication in terms of commercial and institutional building when compared with residential projects.

Industrial :->

This is just a small part of the construction industry but is a very important part nonetheless like medicine, power generation, manufacturing.

5) Highway :- This involve alteration repair and construction of roads, streets, alleys, highways, subways, path etc, It also includes incidental construction.

6) Hca

Lastly, these projects tend to involves projects which aren't classified properly as buildings or highways, some examples include dams, sewer line projects, sewage treatment facilities, dredging projects, flood control plants etc.

These are some of the most popular types of construction today.