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Subject # Construction Management

Section # "C"

Semester # "8th"

Assignment # (02)

Problem # 4:

(2)

Ans:

Project Life Cycle:

Is the sequence of phases that a project goes through from its initiation to its closure.

The number and sequence of the cycle are determined by the management and various other factors like needs of the organization involved in the project, the nature of the project and its area of application.

(3) Characteristics of the project

Life Cycle:

Although projects are unique and highly unpredictable.

Their standard framework consists of same generic lifecycle

structure, consisting of following phases:

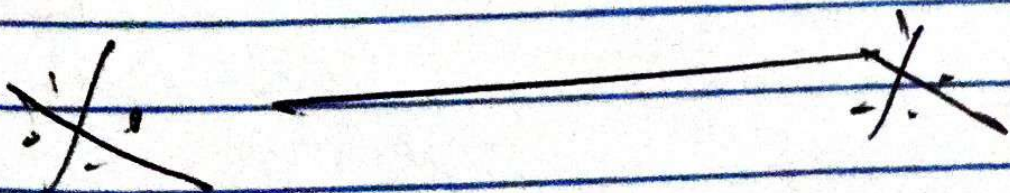
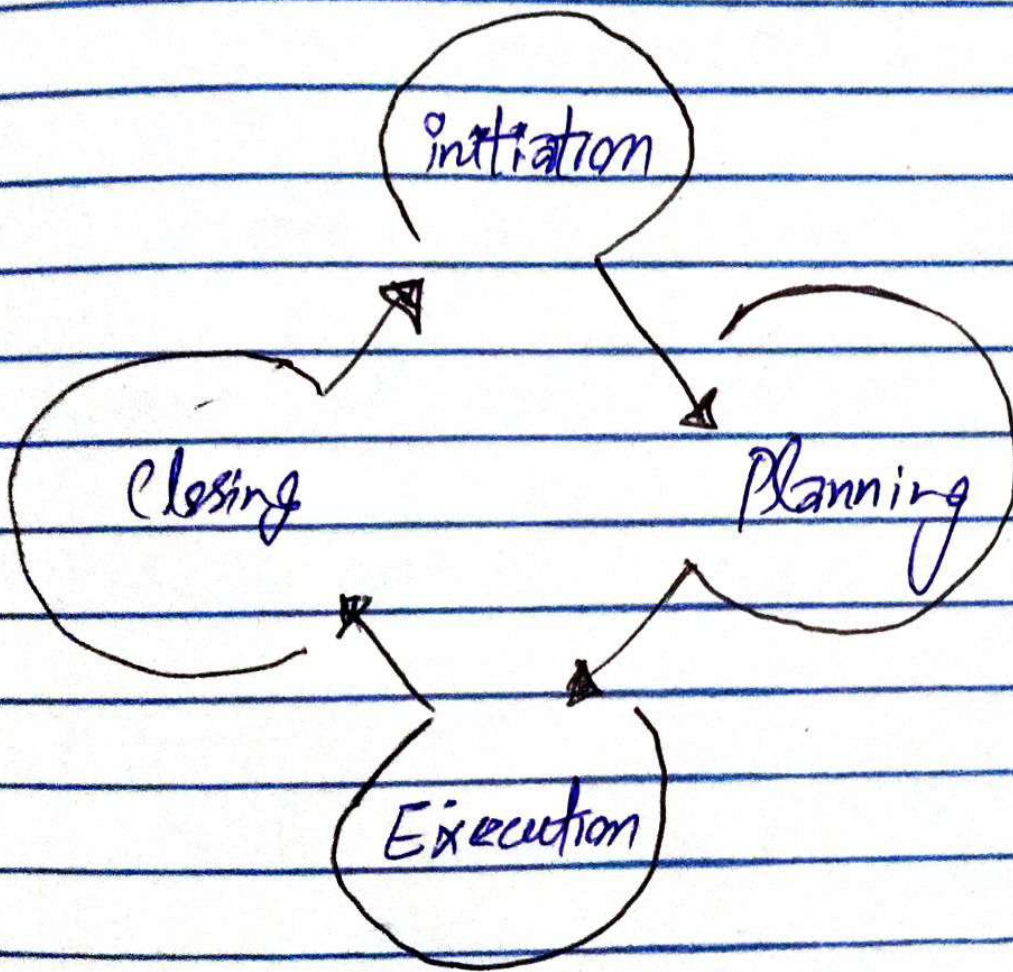
(1) The Initiation Phase:- Starting of the project.

(2) The planning Phase:- Organizing and preparing.

(3) The Execution phase:- Carrying out the project.

4

④ The Termination Phase :-
Closing
the project.



(5)

Problem 2:

Ans: Major Types of
Construction :

There are four major
types of construction include

- ① Residential building
- ② Institutional and Commercial building.
- ③ Specialized Industrial construction.
- ④ Infrastructure and Heavy construction.

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① Residential Building:

The first type of construction is residential housing construction which involves building, repairing, and remodeling of structures for the purpose of housing people, supplies or equipment. It includes apartments, townhomes, condos, nursing homes, dormitories etc.

② Institutional and Commercial Buildings:

This type of construction encompasses projects schools, sports arenas, shopping centers, hospitals, stadiums,

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retail stores, and skyscrapers.

Like the residential housing construction, institutional and

commercial building involves

both putting up of new

structures and repair and

maintenance of existing structures.

and repair and maintenance of

existing structures.

(3) Specialized Industrial Construction:

The third type of construction is specialized

industrial construction which

entails building structures

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that require a high level of specialization as well as technical skills in planning, construction, and design. Typically, this type of construction is carried out by for-profit or industrial corporations.

(4) Infrastructure and Heavy Construction:

The last type of construction is infrastructure and heavy construction which encompasses building and upgrading of