

Assignment 1

1. Give short answer the following questions: (15)

i. What makes construction industry different from other industries?

- The uniqueness of each project is the reason that makes construction industry different from other industries as there are no two identical projects due to several factors.

ii. The accident rate in the construction industry is four times higher than that in any other industry. Why?

- Construction industry tends to have higher accident rate due to the involvement of numerous works such as moving equipment in an unpredictable work environment. This means that a typical construction project is inherently dangerous.

iii. Outline the main duties that mid-level management performs in the construction industry.

- Mid- level management normally involved in the procurement of materials, labour and equipment management. However, they may also in charge for highly specialised duties such as life installation and HVAC.

iv. What does the first line manager do?

- First line manager's role is to take instruction from the mid-level and report back to them during the construction.

v. Give a broader classification of basic activities of a construction project.

- Construction project involves design & planning, executing construction work and supervision & inspection.

2. "Each construction project is a unique project." Discuss. Also describe the "one off" characteristic of the construction industry. (7)

- It indicates that each project is defined by the nature of the construction site where it is also influenced by the weather besides the ground conditions due to various site locations.
- The "one off" characteristic describes the uniqueness of the project. This means that each project is different than another.

3. Discuss the specific characteristics of the construction industry which make it different from others. (8)

- The features such as the organisation, finance, management and many more make the construction industry different from others. For example, the management on site is relying on the construction supervisors as the HQ of companies are far away from project site.

Besides that, the productivity of construction industry is not as productive as other industries due to the supply issues and the demand issues. However, the management and the organisation of the projects may boost up the productivity of all aspect of construction projects.