

Assessment #1

Question 1 . Give short answers to the following:

- **What makes construction industry different from other industries:** Construction industry is unique compared to other industries and the main characteristic of a construction project is that it very complex and one of a kind. Each project has a different nature of work, located at different workplace, employ different personnel and parties with different numbers and higher turnover, and produce different type of products.
- **The accident rate in the construction industry is four times than that in any other industry, why?** : reasons as following:
 - Due to human error
 - Due to employers looking for shortcuts and choose to cut corners to save time , money and resources
 - Due to seeing H&S as a cost rather than a benefit for everyone
- **Main duties and responsibilities of construction supervisor:** Constriction supervisor is responsible for making sure works get completed in timely manner covering good work quality and within the budget.
 - Duties: 1. Instruct / brief worker on regular basis in regards to their works
 - 2. Ensure all works are aware of their duties and they are doing their works in discipline and timely manner
 - 3. Promoting good behaviour, relationship towards workers and member of public. Etc.

Question 2. Important features of the construction industry:

1. Complexity: The modern construction is becoming more complex day by day which involves: vast collection of resources, skilled labour, modern equipment etc.
2. Uniqueness: Construction industry is very unique as compare to other industry as each project is unique on basis on location, nature of the site, ground conditions, availability of resources , budget etc.
3. Multiplicity: Multiple contractors are involved in construction project and they all play their specific role in whole course of the project.
4. Organisation: Construction project go through different processes. First they go through tender stage when different contractors tender and bid to win it . Winning contractor than engages the project services to numbers of different subcontractors to achieve the completion in timely manner within the standards.

Question 3. Growth in technology affected the construction industry:

Construction industry is lot improved and getting advance with the help of Technology growth. Works are getting done with latest equipment in timely manner and in more safe ways. Quality of construction works is improved too. Risks of injuries and accidents are dropped over the past few years. Health and safety standards are improved as well. With the help of modern tools and plant equipments workers are doing their work more safely and efficiently with less health risks.