



BRENTWOOD
OPEN LEARNING COLLEGE

Assignment Cover Sheet

Student Name:	Katarina Hami
Student Number:	11239
Course:	Basics of Construction Management
Assignment NO:	Unit 1

Marking Criteria:

We expect the learners to write minimum one well expressed point in three lines against each allocated mark. This means one needs to write 15 lines with 5 well expressed points to get high grades for a 5 marks question.

For high grades use examples and illustrations where appropriate.

1. What makes construction industry different from other industries?

The mobility of facilities. The products from construction are stationary and requires moving resources – labours, equipment & materials creating products under dynamic and hazardous working conditions.

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

The construction industry is very dynamic and hazardous due to constantly changing working environment by introducing new techniques, modifications and materials ...ect. The wide range of varying working conditions involving supported structure, moving equipment and labours, make the site unpredictable environment.

3. What does the first line manager do?

The first line manager takes instruction from the mid –level manager and reports back.

It involves

- managing the work flow in a safe manner
- instructing and motivating the workers
- monitoring the quality and timing of work
- ensuring that right procedures and labours are selected to prevent mistakes and additional cost
- dealing with employee problems

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

Design and planning

- preparing and maintaining detailed design, drawings and resource cost estimates
- dealing with the design issues arising and bringing safe solutions
- giving information on all resources required
- formulate strategy for achieving progress and delivering required resources
- establishing production goals at agreed cost and to the specified quality standard

Executing construction work

- translating construction detailed programs into reality
- monitoring and measuring progress of the works, weather conditions and obstacles then reporting to supervisors
- following the instructions from management and ensuring that correct processes are maintained
- ensuring proper maintenance of equipment and housekeeping on site and daily checks being carried out (of materials, equipment)

Supervision and inspection

- inspection and testing are performed to ensure that health & safety regulations are followed to eliminate or reduce project risk
- preparing detailed programs to expand on the schedules and organizing the resources for the work required
- ensuring progress of the project according to schedules or work and writing daily progress reports
- ensuring that plans and schedules are adhered to by regular inspection and frequent quality control

5. "Each construction project is a unique project." Discuss. Also describe the "one off" characteristic of construction industry.

No two project are the same. They differ in weather and ground conditions of the site location and also in surroundings of the area (e.g. traffic obstacles, residential areas with noise restrictions ...)

One of the biggest businesses on the planet, making available employment opportunities to ear decent income and contribute to the economy. The market capitalization is running into trillions of dollars. It has contributed to most advance economies of the world. Many countries are investing heavily in mega construction projects. It is very powerful tool for development and economic progress.

6. Discuss the specific characteristics of construction industry which make it different from others.

Construction involves many field activities requiring the use of resources such as land, construction materials, labour, equipment, and energy...All interconnected into thousands of activities, which may overlap or in sequential discrete steps or

randomly – it is more complex than in any other ordinary factory. The resources are very limited and costly.

Student Statement:

By submitting this assignment, I confirm that this is my own work.

Student Signature	<i>Katarina Hami</i>	Date	02/10/2017
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For Tutor / Assessor Use Only

Total Marks	
Marks Obtained	
Percentage / Grade	

