

Course No: CON 5399
Course Title: Special Course in
Construction Management
Date: 30/11/2017
No. of Questions: (3)
Time: 45 Minutes
Using Calculator (No)

University of Palestine

Second Mid-term Exam (A)
30th Nov. 2017
Total Grade: 15

Instructor Name: Nadine Abu-Shaab
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)

Question One:

Choose the correct answer from a, b, c and d for each of the following:

(5 Marks)

1. The measure along the level of uncertainty or the level of impact at which a stakeholder may have a specific interest. Below that, the organization will accept the risk, and above this measure the organization will not accept the risk. It is known as:
 - a. Risk Threshold.
 - b. Risk Appetite.
 - c. Risk Tolerance.
 - d. None of the above.
2. What does LEED stand for?
 - a. Leadership in Energy and Environmental Design.
 - b. Leadership in Efficient Environmental Design.
 - c. Leadership in Energy Efficiency Design.
 - d. Leadership in Engineering and Environmental Design.
3. Which of the following is the primary purpose of Lean systems?
 - a. Work participation.
 - b. Reduction of product variety.
 - c. Waste elimination.
 - d. Ensuring large lot size production.
4. A risk is defined as _____ event or condition that, if it occurs, has a positive or negative effect on one or more project _____?
 - a. Indefinite, probabilities.
 - b. Uncertain, objectives.
 - c. Sure, goals.
 - d. Definite, uncertainties.
5. What are the different levels of LEED- Certification?
 - a. LEED-Silver, LEED-GOLD, LEED-PLATINUM.
 - b. LEED-CERTIFIED, LEED-SILVER, LEED-GOLD, LEED-PLATINUM.
 - c. LEED-CERTIFIED, LEED-GOLD, LEED-SILVER, LEED-PLATINUM.
 - d. LEED-BRONZE, LEED-SILVER, LEED-GOLD.
6. In construction, decisions are likely to be determined by:
 - a. Subjective probabilities.
 - b. Objective probabilities.
 - c. Repeated events.
 - d. None of the above.
7. Sustainable construction considers the _____ and _____ impacts of construction activities on the surrounding neighborhood.
 - a. Operational; economical.
 - b. Environmental; operational.
 - c. Environmental; social.
 - d. Operational; political.

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8. The process under Process Risk Management that prioritizes risk for further analysis or actions or action by assessing and combining their probability of occurrence and impacts is called?
 - a. Perform Qualitative Risks Analysis.
 - b. Perform Quantitative Analysis.
 - c. Plan Risk Management.
 - d. None of the above.

9. Which of the following is an example of a value added activity?
 - a. Moving.
 - b. Inspection.
 - c. Scheduling.
 - d. None of the above.

10. If a risk event has a 90% chance of occurring, and the consequences will be \$10,000. What does the \$10,000 represent?
 - a. Risk value.
 - b. Present Value.
 - c. Expected Monetary Value (EMV).
 - d. Contingency budget.

Question Two:

a) Fill in the tables as required.

Risk	Style
Error in survey data	
Lack of expertise	
Risk of explosion	

(1.5 Marks)

Risk	Dynamic/ Static
Establishing a new company branch	
Disability	

(1 Mark)

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Question Three:

a) *What are the common principles between LEAN construction and Sustainable development?*
(1.5 Marks)

b) **Draw the Risk Management Life Cycle, and then provide a description for each stage involved in this cycle stating different techniques employed in each stage.**
(3.5 Marks)

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c) Define the following:

(2.5 Marks)

- *Lean Construction:*

- *BIM:*

- *LEED:*

End of Questions