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THE OPEN UNIVERSITY OF SRI LANKA  
POST GRADUATE DIPLOMA IN TECHNOLOGY/ MASTER OF TECHNOLOGY  
FINAL EXAMINATION– 2014/2015  
TTM7152 – PROJECT MANAGEMENT  
DURATION – THREE HOURS

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DATE: 07<sup>th</sup> August 2015

TIME: 0930 - 1230 HOURS

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Total number of questions = 07

Number of questions to be answered = 06

Answer the question one (Q1), which is compulsory and five (05) more questions.

Question one (Q1) carries 25 marks and questions two (Q2) to seven (Q7) carry fifteen (15) marks each.

**Compulsory Question**

- (Q1) (a) As per the international standards and guidelines, there are nine knowledge areas of project management. List all of them. (05 marks)
- (b) Briefly explain the five main project management processes. (05 marks)
- (c) Briefly explain the importance of maintaining proper relationship with stake holders in project management. (05 marks)
- (d) Identify at least eight characteristics that an efficient project manager should possess. (04 marks)
- (e) What do you understand by “Staff acquisition” and “Team development” in relation to project human resource management . (06 marks)
- (Q2) (a) Explain why status review meetings are important in project management. (07 marks)
- (b) Identify three analytical approaches of project selection and briefly explain one of them. (08 marks)
- (Q3) (a) Explain the concept “work break down structure” in scope management. (03 marks)
- (b) Describe basic approaches of preparing work break down structures. (06 marks)
- (c) Briefly explain the concepts of “Resource Loading and Leveling” related to project management. (06 marks)

- (Q4) (a) State and briefly explain three (03) tools, which can be used for the development of schedules in project time management. (09 marks)
- (b) Briefly explain how you manage to control the changes, which may occur to project schedules. (06 marks)
- (Q5) (a) List and briefly explain the tools and techniques, that are used for the estimation of costs in project management. (05 marks)
- (b) Cost estimation is one of the major tasks in project management. Briefly explain the problems associated with cost estimates. (05 marks)
- (c) Write a short note on the major categories of cost related to quality in project management. (05 marks)
- (Q6) (a) Write a short note on suggestions for improving project communications. (05 marks)
- (b) Briefly explain the three (03) methods, which are used to report the performance of a project. (06 marks)
- (c) Briefly explain how you as a project manager may minimize possible risks, which may occur during project implementation. (04 marks)
- (Q7) (a) Write a comprehensive note on the key processes of project procurement management. (09 marks)
- (b) Briefly discuss the issues, which may occur during procurement process. (06 marks)