DECEMBER 2016

COMPUTERS & PROJECT MANAGEMENT

Instructions to candidates:
a) Time allowed: Three hours (plus an extra ten minutes' reading time at the start – do not write anything during this time)
b) Answer any FIVE questions
c) All questions carry equal marks. Marks for each question are shown in [ ]

1. Explain how the techniques of **rolling wave planning** and **network breakdown** can support the work of a project manager. Illustrate your answer with examples. [20]

2. Using examples to support your answer, analyse the main groups of data that will need to be entered when using project planning software for the first time. [20]

3. Explain the approach that could be adopted to investigate potential suppliers of project management software. [20]

4. Work-to-lists are an important tool in supporting the effective delivery of a project. Evaluate the contribution of work-to-lists to the work of a project manager. Illustrate your answer with an example of a work-to-list. [20]

5. One of the many challenges typically encountered by project managers is managing a network for a large project. Analyse the particular challenges involved in managing a large project. Support your answer with an example. [20]

6. Review how the techniques of probability and risk management can support project delivery. [20]

7. Evaluate the contribution of computers to effective project delivery. Support your answer with examples. [20]

8. a) Explain why, when developing a project management network, there should be only one start and one finish node. [10]
   b) Explain what **interface activities** are, illustrating your answer with an example. [10]

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