



ICM

MARCH 2017

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. A project manager will seek certain key features from project management software. Review the main features that a project manager will consider when selecting software. [20]
 2. The project manager will be wary of the impact of data input errors on project delivery. Analyse the main types of data input errors. [20]
 3. Evaluate how the techniques of filtering and sorting can support the work of a project manager. [20]
 4. Project reports and schedules will often require updating. Identify and review the main factors that will require these documents to be updated. [20]
 5. Computers are able to produce a wide range of reports for a project manager to use. Explain THREE reports that can be produced and comment on how they support a project manager. [20]
 6. Explain what **control data** and **activity data** are and review how EACH supports project delivery. [20]
 7. Analyse how the following contribute to effective project delivery:
 - a) Interface activities
 - b) Standard library network [10 each]
 8. Explain the infrastructure that needs to be in place to maximise the potential that computers offer to a project manager. [20]