



ICM

DECEMBER 2016

PLANNING & SCHEDULING

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 []
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1. Review how bar charts and matrix charts can support the work of a project manager. Support your answer with examples. [20]
 2. Explain how a project manager can reduce resource restrictions when delivering a planned scheme. [20]
 3. Analyse the THREE generally recognised categories of project resource, giving examples of how EACH is used in delivering a project. [20]
 4. It is often the case that events over which a project manager can have no control will impact on the delivery of a project. Review the types of events that a project manager will typically encounter. [20]
 5. Using the example of the construction of a two-storey house, demonstrate and explain the arrow logic system of notation. [20]
 6. Analyse how a project manager can undertake the critically important task of scheduling cash in a project. [20]
 7. Explain the role of a planning expert in contributing to the delivery of a project. [20]
 8. Analyse the approaches of **rate constant** and **non-rate constant** use of resources, explaining when EACH is appropriate. Support your answer with examples. [20]