Points to note

6. The smoothing of resource profiles is largely a matter of experimentation but if the time for the project is fixed concentrate attention on those activities with free float (described in Chapter 23).

Self review questions *Numbers in brackets refer to paragraph numbers*

1 What data are required to be able to carry out resource scheduling on a network? (3)
2 What is a resource aggregation profile? (4b)
3 What is resource levelling? (4c)

Exercises with answers

1. A project has the following activity durations and resource requirements.

Activity	Preceding activity	Duration (days)	Resource requirements (units)
A	–	6	3
B	–	3	2
C	–	2	2
D	C	2	1
E	B	1	2
F	D	1	1

Assuming no restrictions show the network, critical path and resource requirements on a day by day basis, assuming that starts are made on the EST of each activity.

2. Assume that there are only 6 units of resources what would be the plan?

Answers to exercises

1.