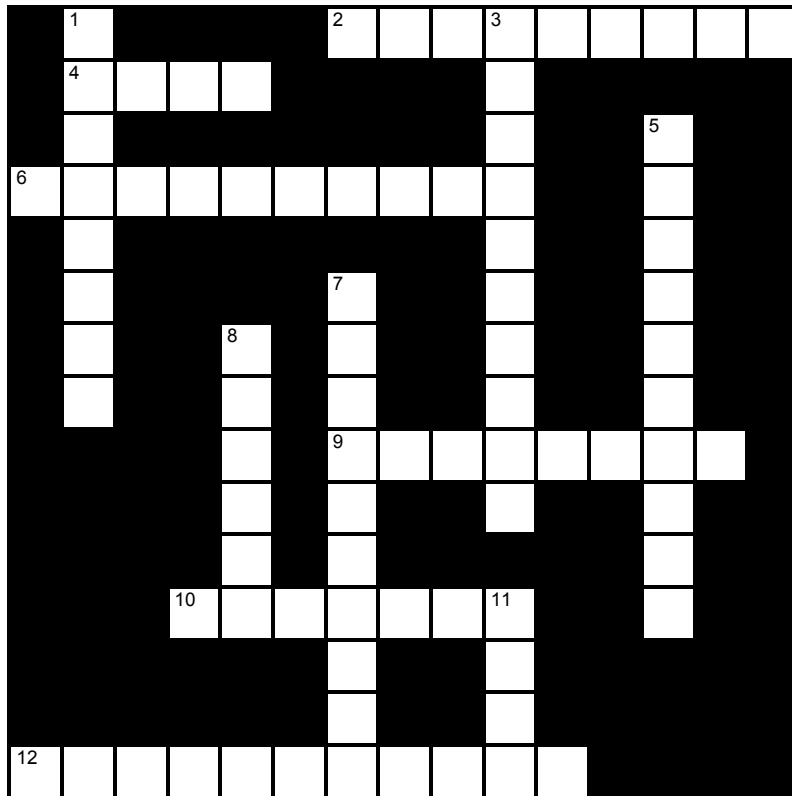


Barnes: Operations Management - An International Perspective

Chapter 9



Across

2 'Manufacturing

planning', a computer-based system of planning and control for manufacturing processes. Otherwise known as MRP2. (9)

4 'Control _____', a theoretical model that describes actions taken with the aim of ensuring that the outputs from a transformation process are produced according to plan. (4)

6 '_____ resource planning' (ERP), a computer-based system for

resource planning and control across an entire organization. (10)

9 'Lean _____', the application of just in time principles to non-manufacturing organizations. (8)

10 This is concerned with remedial action taken in response to things not occurring as planned in order to avoid an undesirable outcome. (7)

12 'Materials _____ planning (MRP)', a computer-based system of calculating the quantities and timings of materials required

for dependent demand items in a manufacturing process. (11)

Down

1 This is concerned with actions taken prior to an event, typically arranging for resources to be provided in order to achieve a desired outcome. (8)

3 '_____ systems', inventory control systems for independent demand items that aim to determine when and how much to order from suppliers to ensure that stocks do not run out. (5,5)

5 A collection of resources (people,

machines, etc.) assembled together to undertake specific work tasks. (4,6)

7 A manufacturing system that aims to produce only what is required, in the quantity that is required, at the time it is required. (4,2,4)

8 An Italian economist, who observed that 80 per cent of income in Italy was owned by 20 per cent of the population. (6)

11 '_____ production', an alternative name for 7 down. (4)