



Question Paper

Module 7:	Flour Milling Management	
Date: 16 May 2013	Time: 09:30 – 12:30	Duration: 3 hours

You should have the following for this examination: **one answer book; pencil, pen and ruler.**

All questions carry equal marks. The maximum marks for each section within a question are shown. Answer **ALL NINE** questions, starting each new question (1-9) on a **new** page of the answer book.

1.
 - a) List **THREE** nabim committees and describe briefly their terms of reference. (6 marks)
 - b) Describe briefly the structure of the flour milling industries in Australia, China and the United Kingdom (UK). (6 marks)

2.
 - a) List **THREE** key factors which influence the volatility of the global wheat market. (3 marks)
 - b) Describe briefly the benefits to a flour milling company of a farm-assured crop scheme. (3 marks)
 - c) Describe briefly the costs, other than that of the grist, which should be considered when calculating a selling price. (6 marks)

3.
 - a) Explain the term "Performance Measurement" and provide **TWO** examples of how this would be used in a flour mill, stating their key objectives. (6 marks)
 - b) Explain the term "Budgetary Control". (3 marks)
 - c) Explain the term "Least Cost Gristing". (3 marks)

4.
 - a) Describe **THREE** ways in which cash flow can be adversely affected. (6 marks)
 - b) Explain the meaning of the following terms, giving **ONE** example of EACH:
 - i) Fixed Costs;
 - ii) Variable Costs;
 - iii) Semi Variable Costs. (6 marks)

continued overleaf

5. a) List the shortened, commonly used terms for the THREE mycotoxins of most concern to the UK flour milling industry, and describe the reasons for controlling and monitoring their presence. (6 marks)
- b) Describe briefly the SIX key requirements of a quality management system. (6 marks)
6. a) i) List TWO examples of physical hazards and TWO of biological hazards that may be identified in a HACCP study of a bag packing process. (2 marks)
- ii) Explain the control measures that may be taken for EACH type of hazard. (2 marks)
- b) Describe briefly the SIX general principles to be considered for the provision of safe traffic routes on a mill site. (3 marks)
- c) Sketch and label a cross-sectional diagram of a five floor mill building. (5 marks)
7. a) List EIGHT factors which can influence the staffing levels within a flour mill. (4 marks)
- b) Describe briefly the terms “predictive maintenance” and “corrective maintenance”. (2 marks)
- c) List FOUR requirements which should be fulfilled when purchasing new equipment. (4 marks)
- d) List FOUR reasons for a flour milling company to implement an “Environmental Management System”. (2 marks)
8. a) Describe briefly FOUR ways by which management can improve health and safety behaviour. (4 marks)
- b) Explain the term “Indemnity Insurance”. (2 marks)
- c) Describe briefly FOUR design features in a modern mill to minimise the damage caused by a dust explosion. (4 marks)
- d) List FOUR forms of discrimination that are prohibited under UK legislation. (2 marks)
9. a) List FOUR reasons, under UK legislation, which would justify the dismissal of an employee. (4 marks)
- b) Describe briefly FIVE steps which should be taken to ensure that disciplinary action is fair and effective. (5 marks)
- c) Describe briefly the key requirements of the Working Time Directive. (3 marks)