



## Question Paper

<b>Module 7:</b>	<b>Flour Milling Management</b>	
Date: <b>17 May 2018</b>	Time: <b>09:30 – 12:30</b>	Duration: <b>3 hours</b>

You should have the following for this examination: **answer book, pen and calculator.**

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

1.
  - a) State **FOUR** of nabim’s objectives. (4 marks)
  - b) List **FOUR** organisations with which nabim communicates in order to achieve these objectives. (2 marks)
  - c) Describe briefly the terms of reference of **THREE** nabim committees. (6 marks)
  
2.
  - a) Describe briefly **THREE** key elements of the role of a UK milling company’s wheat buyer. (6 marks)
  - b) Explain the term “performance measurement”, giving **THREE** examples of how it is used in flour milling. (6 marks)
  
3.
  - a) Define the term “least cost gristing”, and list **SIX** factors which influence the value of a parcel of wheat. (6 marks)
  - b) Calculate the raw materials cost of 1 tonne of flour for the following grist:

Wheat Type	Cost per Tonne (£)	% in grist
<b>CWRS</b>	<b>250</b>	<b>25</b>
<b>EU</b>	<b>190</b>	<b>25</b>
<b>UK</b>	<b>180</b>	<b>50</b>

*Assume dirty wheat extraction rate of 80%; no milling gain/loss; and a wheatfeed value of £120 per tonne.*

*Show all workings and declare to 1 decimal point.* (6 marks)

*continued overleaf*

4. a) Explain the following terms, giving ONE example of EACH:  
 i) Fixed costs;  
 ii) Variable costs;  
 iii) Semi-variable costs. (6 marks)
- b) Explain the term “depreciation”. (3 marks)
- c) Explain the term “standard costing”. (3 marks)
5. a) Describe briefly the SIX key requirements of a quality management system. (6 marks)
- b) State the FOUR key areas of information shared within SEDEX. (4 marks)
- c) List FOUR key responsibilities of a technical department. (2 marks)
6. a) Describe briefly SIX factors that should be considered before developing a new mill. (6 marks)
- b) Describe briefly SIX factors that should be considered when planning the physical layout of the buildings in a new mill. (6 marks)
7. a) Explain the term “asset strategy”. (6 marks)
- b) List TWELVE typical responsibilities of the operations management team. (6 marks)
8. a) Describe briefly the THREE major environmental impacts of the flour milling industry. (3 marks)
- b) List SIX common causes of fire in a flour mill and provide ONE example of EACH cause. (3 marks)
- c) Describe briefly FOUR key points which should be covered in the health and safety training of managers and supervisors. (4 marks)
- d) Explain the purposes of Employer’s and Public Liability insurance. (2 marks)
9. a) List EIGHT pieces of information that must be included within a UK contract of employment. (4 marks)
- b) Describe briefly SIX elements in a fair disciplinary process. (6 marks)
- c) List FOUR benefits a milling company can gain from delivering a planned approach to training. (2 marks)