

EXAMINATION AND EVALUATION DIVISION  
DEPARTMENT OF POLYTECHNIC EDUCATION  
(MINISTRY OF HIGHER EDUCATION)

MECHANICAL ENGINEERING DEPARTMENT

FINAL EXAMINATION  
JUNE 2012 SESSION

**J5289 : ECONOMY IN PACKAGING**  
**(EKONOMI PEMBUNGKUSAN)**

**DATE : 22 NOVEMBER 2012**  
**DURATION : 2 HOURS (8:30 AM – 10:30 AM)**

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This paper consists of **FOUR (4)** pages including the front page.  
Essay (6 questions – **answer 4** questions )

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**THE CHIEF INVIGILATOR**

This section consists of **SIX (6)** structured questions. Answer **FOUR (4)** questions only.

**QUESTION 1**

- a) State **THREE (3)** product categories in economy system (6 marks)
- b) State **THREE (3)** advantages and disadvantages in a merged economy. (6 marks)
- c) Explain the political influences in a system economy (13 marks)

**QUESTION 2**

- a) State the definition for cost concept in economy. (5 marks)
- b) State **FIVE (5)** items in packaging cost. (10 marks)
- c) Explain **FIVE (5)** methods required to reduce the cost in packaging industry. (10 marks)

**QUESTION 3.**

- a) State the definition of overhead cost in economy system (5 marks)
- b) State the differences between direct labour and indirect labour cost. (6 marks)
- c) Explain the prime cost that applied in an economy system. (6 marks)
- d) Explain **FOUR (4)** types of cost in economy (8 marks)

**QUESTION 4.**

- a) State the definition of a budget. (5 marks)
- b) State **TWO (2)** advantages of a budget control system. (5 marks)
- c) Discuss **FIVE (5)** types of budget. (15 marks)

**QUESTION 5.**

Asrul Enterprise plans to produce 20,000 units of packaging product. Mark-up was 50%. The data collected is shown in the table below:

Perkara/item	Per Unit (RM)
Raw material	3
Labour	5
Flexible overhead cost	3
Fixed overhead cost	6
Flexible Management overhead	2
Fixed Management overhead	6

- a) Calculate the sales price and overall income with "absorption" method (10 marks)
- b) Calculate the sales price and overall income with "marginal" method (10 marks)
- c) State the profitable method (5 marks)

**QUESTION 6.**

- a) State **TWO (2)** factors that determine the profit of a company. (4 marks)
- b) State **THREE (3)** differences between a central bank and a commercial bank (9 marks)
- c) Explain **THREE (3)** main categories of financial sources in Malaysia for company development. (12 marks)