



**UNIVERSITI KUALA LUMPUR
Malaysia France Institute**

**FINAL EXAMINATION
SEPTEMBER 2014 SESSION**

SUBJECT CODE : FWD23503
SUBJECT TITLE : WELDING MANAGEMENT
LEVEL : DIPLOMA
DURATION : 9.00 AM – 11.00 AM
(2 HOURS)
DATE / TIME : 10 JANUARY 2015

INSTRUCTIONS TO CANDIDATES

1. Please read the instructions given in the question paper **CAREFULLY**.
2. This question paper is printed on both sides of the paper.
3. Please write your answers on the answer booklet provided.
4. Answer should be written in blue or black ink except for sketching, graphic and illustration.
5. This question paper consists of **TWO (2)** sections. Section A and B. Answer all questions in both Sections.
6. Answer all questions in English.

THERE ARE 3 PRINTED PAGES OF QUESTIONS, EXCLUDING THIS PAGE

SECTION A (Total: 60 marks)**INSTRUCTION: Answer ALL questions.****Please use the answer booklet provided.****Question 1**Case Study: Planning The Wilson car park upgrade

In the following scenario you will work through the management of a car park equipment upgrade. As The Wilson_Regional Project Manager, you have been tasked with project managing the new equipment upgrade of a shopping centre car park—Shop Fair.

Since being briefed on the requirements of the car park upgrade, you have had several meetings with both internal and external stakeholders to determine their expectations and concerns about the project and you have completed a project scoping document.

The State Operations Manager (your immediate boss) and the General Manager have called a meeting to begin this planning phase. At the meeting it was highlighted that competitors had already commenced a substantial upgrade program which had left the business competitively weak in both its operational performance and ability to market new initiatives. The Wilson_Board had made this project a number one priority for the business.

Your General Manager has assured you that appropriate restructuring will be made available across the business to ensure the Board's objectives are met by teaming yourself as Project Manager and will be assisted by Procurement Manager in action team force.

- a). Define the task of a Project Manager. (10 marks)
- b). Define the scope of a Procurement Manager. (10 marks)
- c). Details the project planning and scheduling. (10 marks)

Question 2

- (a) List the steps taken in implementing Inspection Test Planning (ITP). (10 marks)
- (b) i. What are the key objectives of kick off meeting (5 marks)
- ii. Who should attend the kick off project meeting and (5 marks)
- iii. Give an example of specific activity/agenda to recap in the meeting? (10 marks)

SECTION B (Total: 40 marks)

INSTRUCTION: Answer ALL questions.

Please use the answer booklet provided.

Question 1

The owner of a shopping centre is considering modernising and expanding the current 32-business shopping complex. He hopes to add 8 to 10 new business or tenants to the shopping complex. The specific activities that make up the expansion project, together with information on immediate predecessor and completion time, are listed in the table 1.

Activity	Description	Immediate predecessor	Completion time (weeks)
A	Prepare architectural drawing	-	5
B	Identify new tenants	-	6
C	Develop prospectus for tenants	A	4
D	Select contractor	A	3
E	Prepare buildings permit	A	1
F	Obtain approval for building permits	E	4
G	Perform construction	D, F	14
H	Finalise contract with tenant	B, C	12
I	Tenants move in	G, H	2
			Total: 51

Table 1. Project activity

- a) Please explain the three basic phases of project scheduling by PERT-CPM. (5 marks)
- b) What is the total completion time of the project? (5 marks)
- c) What are the scheduled start and completion time for each activity? (10 marks)
- d) Which activities are critical and must be completed exactly as scheduled in order to keep the project on schedule? (10 marks)
- e) How long can the non-critical activities to be delayed before they cause a delay in the completion time for the project? (10 marks)

END OF QUESTION