



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF APPLIED CHEMISTRY
SUPPLEMENTARY EXAMINATIONS – OCTOBER 2009
PROJECT DEVELOPMENT AND MANAGEMENT – SCH 4210
TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATES

Answer **ANY FIVE (5)** questions from the six (6) provided. Each question carries 20 marks.

1. (a) List six possible instigators of projects. (6 marks)
- (b) Briefly outline the various steps that are taken during a project feasibility study. (14 marks)
2. (a) How does project management fit in the overall strategy of a company? (6 marks)
- (b) What conflict of interest may occur between the Project Manager and Functional Managers in an organisation? (6 marks)
- (c) How can these conflicts be managed? (4 marks)
- (d) List **four (4)** roles of the Project Manager. (4 marks)
3. A medium sized company B and S Chemical Manufacturers (Pvt) Limited is considering to introduce a new chemical product into the market. The project will cost them \$90 million to start. All of this money will have to be borrowed at an annual interest rate of 28%. The cash flows are projected to be as follows:
\$40m – 1st year, \$20m – 2nd year, \$20m – 3rd year, \$15m – 4th year and \$15m – 5th year.
 - (a) Provide a learned advice to the company as to whether or not they should proceed with this project. (16 marks)
 - (b) What are the shortcomings of the numerical models of project selection? (4 marks)

4. (a) Graphically present the Project Life-Cycle Structure. (4 marks)
- (b) To which part of the structure are maximum resources needed and why? (6 marks)
- (c) What factors influence the shape of the Project Life-Cycle Cash Flow Curve? (10 marks)
5. Describe the elements of a Project Close-out Report. (20 marks)
6. You have been approached by Mr S Sivuno, an entrepreneur, who would like to invest in a project to produce canned tomatoes. Develop guidelines for him on how he should compile his project proposal. (20 marks)

End of question Paper!!!