

POKHARA UNIVERSITY  
FACULTY OF SCIENCE AND  
TECHNOLOGY  
SCHOOL OF ENGINEERING

Examin	Final Internal Examination 2081		
Level	B. E.	F M	100
Programme	computer	PM	45
Year/Part	III/I	Time	3 Hrs

Subject: Engineering Management

Candidates are required to give answers in their own words as far as practicable.  
The figure in the margin indicates full marks.  
**Attempt all the questions**

- 1 a) Explain the basic management functions illustrating the implications of it in Engineering 8  
b) Which type of organizational structure do you think is suitable for an engineering project and why do you think it is suitable? Explain. 7
- 2 a) What are the features of organization? Differentiate between formal, informal and Virtual organization 8  
b) Define planning. Explain the basic steps in any planning process. 7
- 3 a) How strategic planning differs from tactical and operational planning? How do they complement each other? 8  
b) Explain Job Analysis and Job Description along with suitable example 7
- 4 a) What are the functions of Human Resource Management Explain in brief 8  
b) Explain Herzberg's theory of motivation. What are the implications of this theory for motivational practices? 7
- 5 a) Explain different types of control system. How do they differ from each other? 7  
b) Discuss the concept and features of MIS and DSS 8
- 6 a) What is SWOT analysis? what significance does it have for strategy formulation? Perform a situation (SWOT) analysis for the college you attend. 8  
b) Explain different type of Leadership style. Which leadership do you prefer in Nepalese project, if any and why? Explain 7
7. Write short notes on: (Any two) (5\*2=10)
  - a) Participative management
  - b) CPM/PERT
  - c) Change management