

# Midterm- Exam example

example

# GUIDELINES FOR MIDTERM EXAM

Duration: 60 minutes

You may carry along 1 sheet of A4 paper where you can put your own notes (hand writing) for your reference.

Exam content

- Multiple choice questions and short answer questions: (60%)
  - All topics discussed in class
  - Except: Managing the Portfolio System (chapter 2); Ethics and Project Management (Chapter 10)
- Calculation (40%)

- **Question 1** (20 point) Company ZYX is considering some opportunities. Below table will show you information concerning cash flows of each alternative (data given...).
  - Calculate payback period of each alternative.
  - Which alternative do you prefer? Explain.

- **Question 2 (20 point) Please help Mr. Quan to choose between four kinds of car (A,B,C,D) for his transportation. (Data given ...)**
- Find the dominated alternative(s) if any
- Use the method of Collective Utility to rank and find the best alternative.
- Use the method of Compromise Programming (shortest distance) to rank and find the best alternative.

## T” (True) , “F” (False) Question

- In project management, superior-subordinate relationships are known and lines of authority are clear (T/F ?)

- In project management, superior-subordinate relationships are known and lines of authority are clear: (F)

## ***Multiple Choice:***

Which of the following is NOT true concerning the difference between the project manager (PM) and the functional manager (FM)?

- a) the PM is a facilitator the FM is a technical supervisor
- b) the PM is a generalist the FM is a specialist
- c) the PM must be able to integrate tasks; the FM must be able to analyze tasks
- d) the PM uses an analytical approach the FM uses a systems approach
- e) all of the above are true

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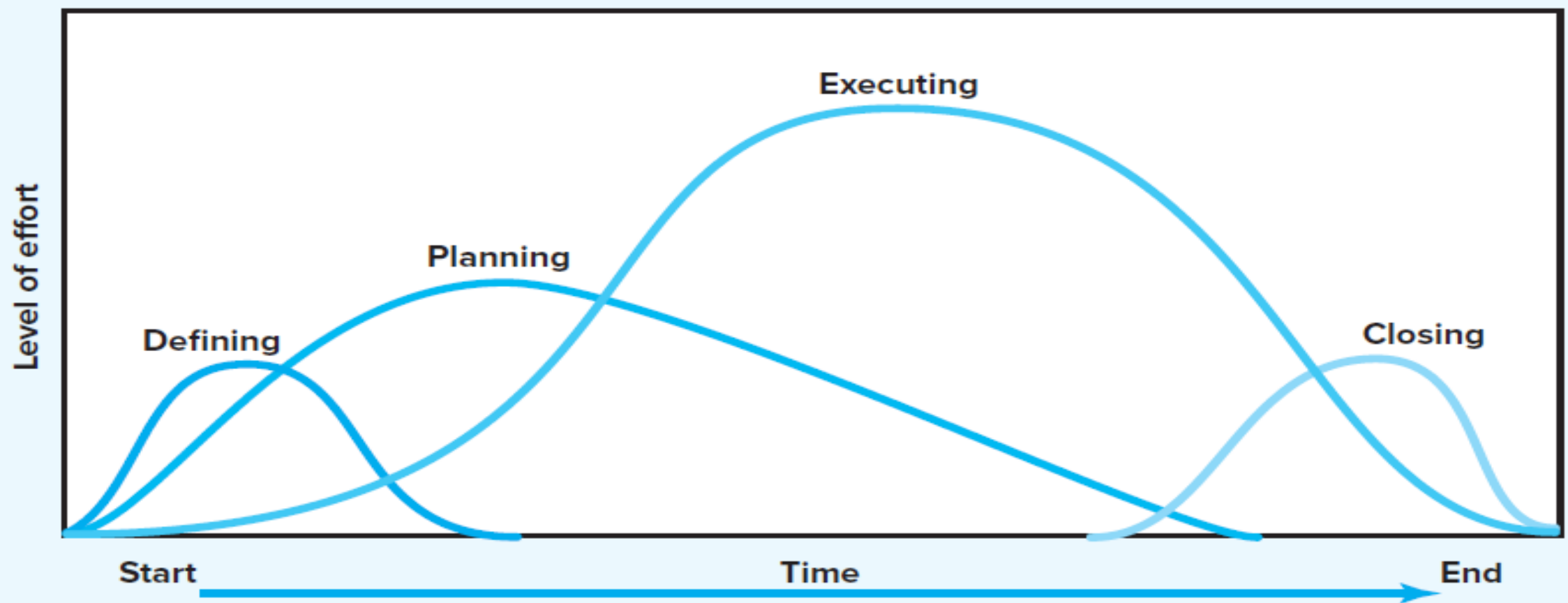
# Short answer

- Identify the five major characteristics of a project

- An established objective
- A defined life span
- Requires across-the-organizational participation
- Involves doing something never been done before
- Has specific time, cost, and performance requirements

# Short answer

- Identify and briefly describe the four stages of the Project Life Cycle



#### **Defining**

1. Goals
2. Specifications
3. Tasks
4. Responsibilities

#### **Planning**

1. Schedules
2. Budgets
3. Resources
4. Risks
5. Staffing

#### **Executing**

1. Status reports
2. Changes
3. Quality
4. Forecasts

#### **Closing**

1. Train customer
2. Transfer documents
3. Release resources
4. Evaluation
5. Lessons learned