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Dated: 26-05-2007

Max Marks: 70

Time: 3 Hours

- Instructions: 1. Attempt all questions
2. Explain giving examples where necessary

- Q1. Attempt any two 10
a) Define Project. Describe briefly Project Management.
b) Briefly define Project Stakeholders.
c) Just define 9 PMI's knowledge areas.
- Q2. Attempt any three 15
a) Why people are important? Explain briefly success factors for handling people.
b) Explain what is meant by Value and Cost of Reuse.
c) Explain the tradeoff triangle.
d) Explain why requirements creep? How it can be controlled?
- Q3. A. Briefly define any two process related classic problems: 15
a. Abandonment of planning under pressure
b. Shortchanged upstream activities
c. Premature or too frequent convergence
B. Briefly define any two product related classic problems:
a. Push me. pull me negotiation
b. Research-oriented development
c. Developer gold-plating
- Q4. Attempt any two 10
a) Why do we measure? Explain briefly Process Metrics.
b) Explain Function Oriented Metrics
c) Describe briefly Metrics guidelines.
- Q5. Attempt any two 10
a) What is Software Quality? Explain briefly Software Quality Characteristics.
b) Explain Briefly Software Quality Assurance
c) Just write down Quality. Management and Engineering Principles for Management of Software Quality
- Q6. Attempt any two: 10
a) Explain briefly Testing Goal and Testing Principles.
b) Explain Acceptance Testing and its categories.
c) Explain Testability
d) Differentiate between White Box and Black Box testing approaches.