

SEAT No. _____

No. of Printed Pages : 02

[115]

SARDAR PATEL UNIVERSITY

V. V. NAGAR

M. Sc – IT (Integrated) SEM - VI EXAMINATION

Course No : PS06FIIT01

Sub: Software Project Management

Date : 10th Apr 2017

Total marks : 70

Time : 02:00pm To 5:00pm

Q – 1 Multiple Choice Question

[10]

- i) _____ represents how well the product satisfies the customer.
 - a) Cost b) Schedule c) Quality d) None of above
- ii) _____ are high – level, general statements of the organization's intent determined.
 - a) Policies b) Documents c) Processes d) templates
- iii) GSA stands for _____.
 - a) General Service Application b) General Service Area
 - c) General Service Assignment d) General Service Agreement
- iv) _____ gives a logical structure to the user's view of the data in the system.
 - a) Function b) Process Model c) Data Model d) None of these
- v) Which implies that it is possible to trace a requirement to elements in the output of later phases in the life cycle?
 - a) Forward traceability b) Backward traceability
 - c) Both a & b d) None of above
- vi) _____ Can speed up the development process & improve the productivity.
 - a) Hardware b) Software c) Standards d) Utilities & tools
- vii) _____ are the main quality processes.
 - a) Testing & Planning b) Reviews
 - c) Review & Testing d) Audit & Analysis
- viii) _____ Activity focuses on enumerating possible risk to the project
 - a) Risk identification b) Risk Prioritization
 - c) Risk Assessment d) None of above
- ix) _____ provides a mechanism for detecting defects in an extremely cost-effective manner.
 - a) Testing b) Tracking c) Monitoring d) Review process
- x) _____ is the key to learning from the past so as to provide future improvement.
 - a) Defect Analysis b) Review Process
 - c) Project Closure Analysis d) Monitoring

Q – 2 Short Answer attempt any ten (Each carry 2 marks)

[20]

- i) List out reasons for project failure.
- ii) Draw a process architecture and define the terms in it?
- iii) List out the issues relating to project execution in technical proposal
- iv) How traceability matrix is helpful to an organization?
- v) List out the phases involved in development process.
- vi) Distinguish between natural causes & assignable cause.
- vii) Draw a diagram which shows RM activities.

- viii) List out mechanism provided by CM.
- ix) What are the basic steps followed in Risk prioritisation?
- x) What is self preparation log?
- xi) Draw a diagram which shows life cycle of defect.
- xii) List out major activities involved in the planning phase?

- Q – 3 a) Explain the Process Architecture and Software Process Improvement Planning with SEPG [10]
- OR
- Q – 3 a) Describe goals for KPAs at Level 2 (Repeatable) and Level 3 (Defined) [10]
- Q – 4 a) Explain the term High level design and Detailed Design [6]
b) Explain process tailoring in detail. [4]
- OR
- Q – 4 a) Explain Process database in detail. [6]
b) Explain Traceability Management [4]
- Q – 5 a) Write note on Quantitative Quality Management [06]
b) Explain Risk Assessment [04]
- OR
- Q – 5 a) What are the main stage involved in CM process? Explain any two. [06]
b) Explain Risk Control [04]
- Q – 6 a) Explain Group review meeting log and Group review summary report in brief [5]
b) Describe in brief archiving [5]
- OR
- Q – 6 a) Explain Role of closure analysis and performing closure analysis [5]
b) Write a note on auditing [5]

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