[A-74]

SARDAR PATEL UNIVERSITY
External Examination
B. Sc. – Information Technology (IT) – Sixth Semester
US06CINT04: Software Project Management
4th April, Monday, 2016

Time: 02:30pm to 05:30pm

Total Marks: 70

Q-1 Select an appropriate option.

10

1 _____ represents how well the product satisfies the customer.
(a) Cost   (b) Quality   (c) Schedule   (d) All of above.

2 Q & P of an organization depends on _____.
(a) Process   (b) Technology   (c) People   (d) All of above

3 GSA stands for _____
(a) General Service Application   (b) General Service Assignment
(c) General Service Area   (d) General Service Agreement

4 _____ gives a logical structure to the user's view of the data in the system.
(a) Function   (b) Data Model   (c) Process Model   (d) None of these

5 _____ can speed up the development process & improve the productivity.
(a) Hardware   (b) Standards   (c) Software   (d) Utilities & tools

6 What is the full form of HLD?
(a) High Level document   (b) High Level Design
(c) High Level Dictionary   (d) High Level data

7 DRE stands for _____.
(a) Data Removal Efficiency   (b) Defect Reduce Efficiency
(c) Defect Removal Efficiency   (d) Defect Recovery Efficiency

8 _____ are probably the most common technique for risk identification.
(a) Data collection   (b) Checklists   (c) Interviews   (d) Surveys

9 _____ lists the actual defect found.
(a) Group review meeting log   (b) Self-preparation log
(c) Summary report   (d) Analysis log

10 _____ is the key to learning from the past so as to provide future improvement.
(a) Defect analysis   (b) Project closure analysis
(c) Review process   (d) Monitoring

Q-2 Answer the following questions. (Any **TEN**)   20

    1   What is process?
    2   List out reasons for project failure.
    3   List out the dimensions of Engineering Project.
    4   State the goal of Requirement Analysis.
    5   List out major step of requirement change management.
    6   State Entry & Exit Criterion for warranty Support Phase.
    7   Draw a diagram which shows RM activities.
    8   List out key element of Risk.
    9   Define: Controlled copies and uncontrolled Copies.
    10 Define: Audit process.
    11 What is Project tracking?
    12 What is self-preparation log?

Q-3
(a) Explain Process Based Approach for Project Execution in detail.   5
(b) Write short note on Documentation.   5

OR

Q-3
(a) Write short note on Process Architecture.   5
(b) Write a note on Senior Management Involvement.   5

Q-4
(a) Describe in brief overall Process of Requirements Analysis & Specification.   5
(b) Write a note on Traceability Matrix.   5

OR

Q-4
(a) What is PCB? What it should contain? Explain in brief.   5
(b) What is Development Process? Explain it with diagram and list out phases   5
     of it.

Q-5 Explain in brief Quality management.   10

OR

Q-5 Explain in detail the main stages involved in CM process.   10

Q-6
(a) Write a note on Group Review Summary Report.   5
(b) Write a note on Size on measurement.   5

OR

Q-6
(a) Write a note on Role of Closure Analysis.   5
(b) Describe in brief Archiving.   5