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SEAT No. _____

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SARDAR PATEL UNIVERSITY
External Examination (CBCS)
B. Sc. - Information Technology (IT)
6th - Semester (CBCS)
US06CINT04: Software Project Management
1st April, Monday - 2019

Time: 10:00am to 1:00pm

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. CMM stands for _____.
(a) Common metrics model (b) Capable mature model
(c) Case monitoring model (d) Capability maturity model
3. Which one of the following is a source of information?
(a) Maturity questionnaire (b) Documentation
(c) Interviews (d) All of above
4. The outcome of the project itself is called _____.
(a) Project (b) Process performance
(c) Product performance (d) Process
5. _____ are measures for the software products.
(a) Product Metrics (b) Process Metrics
(c) Traceability Metrics (d) Square Metrics
6. Providing details of the invocation methods, inputs, Outputs, logic, data structure, and other features of a program or module is called _____.
(a) Dataflow diagram (b) Program design
(c) System testing (d) Execution
7. DRE stands for _____.
(a) Data Removal Efficiency (b) Defect Removal Efficiency
(c) Defect Reduce Efficiency (d) Defect Recovery Efficiency
8. _____ Activity considers all aspects of all risks and then prioritizes them for the purposes of risk management.
(a) Risk identification (b) Risk prioritization
(c) Risk assessment (d) None of these
9. Which one of the following is not a stage of Review process?
(a) Planning (b) Auditing (c) Rework & Follow-up (d) Group review meeting
10. _____ provides a mechanism for detecting defects in an extremely cost-effective manner.
(a) Testing (b) Monitoring (c) Tracking (d) Review process

(1)

(P.T.O)

Q-2 Answer the following questions. (Attempt any TEN) 20

1. List out reasons for project failure.
2. What is the key success parameter for a project to succeed?
3. What is quality manual and policies?
4. State the goal of requirement analysis.
5. Differentiate between process matrices and product matrices.
6. List out major activities in Documentation phase.
7. What is procedural approach?
8. State the methods that help in risk identification.
9. What are the general rules to controlling changes to document?
10. Draw architecture of review process.
11. What is self-preparation log?
12. What is project tracking?

Q-3

- (a) Explain in detail process based approach for project execution. 5
(b) Write a note on senior management involvement. 5

OR

Q-3

- (a) Write short note on process architecture. 5
(b) Explain customer and vendor interaction in detail. 5

Q-4

- (a) Explain in detail the activities in requirements phase. 5
(b) What is Process Tailoring? Explain role of tailoring guidelines. 5

OR

Q-4

- (a) What is PCB? What it should contain? Explain in detail. 5
(b) Write a note on traceability matrix. 5

Q-5 List and explain all main stages involved in CM process. 10

OR

Q-5 Explains in detail risk assessment. 10

Q-6

- (a) Write a note on analysis and control guideline. 5
(b) Describe in brief archiving. 5

OR

Q-6

- (a) Write a note on size of measurement. 5
(b) Write a note on auditing. 5

