SARDAR PATEL UNIVERSITY

BBA(ISM) Vth SEM Examination

Wednesday, Date 16/11/2016

Time 2.00 pm to 04.00 pm

Software Engineering – (UM05CBBS06)

Total Marks: 60

Q-1 [A] What do you mean by late and unreliable software? Explain.   [07]

[B] Why is maintenance needed for software, when software does not
Age. Explain in detail.   [08]

OR

Q-1 [A] What are the software engineering challenges? Explain consistency

& repeatability in detail?   [07]

[B] Explain in detail coding, testing and software design?   [08]

Q-2 [A] What are the desired characteristics of software process? Explain.   [07]

[B] Explain the strength and weakness of Prototyping model.   [08]

OR

Q-2 [A] What is the difference between Iterative & time boxing model?   [07]
[B] Explain Waterfall model in detail with example.   [08]

Q-3 [A] Explain in detail Data Flow Diagram and Data Dictionary.   [07]

[B] Explain the role of software architecture in detail.   [08]

OR

Q-3 [A] Explain in detail informal approach with respect to Problem Analysis. [07]

[B] List out all the components of SRS? Explain in detail.   [08]

Q-4 [A] What are the common Coding errors? Explain.   [08]

[B] What is black box testing? Explain equivalence class partitioning
In detail.   [07]

OR

Q-4 [A] What are the Coding Standards? Explain.   [08]

[B] Explain Test Cases and Test Criteria in detail.   [07]

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