(A2)

SARDAR PATEL UNIVERSITY

TY BBA(ISM) 5TH SEMESTER (CBCS)

Saturday, 14 March 2015

10.30 A.M. to 12:30 P.M.

SUBJECT CODE: UM05CBBS06

SUBJECT: Software Engineering

TOTAL MARKS: 60

Q.1 (a) List and explain different software engineering approach. (08)

(b) Explain problem domain in detail. (07)

OR

Q.1 Write a short note on software engineering challenges. (15)

Q.2 (a) Write a short note following process models: (10)

(i) Waterfall Model (ii) Spiral Model

(b) Explain the components of software processes. (05)

OR

Q.2 (a) Explain the different characteristics of software process. (05)

(b) Write a short note following process models: (10)

(i) Prototype Model (ii) Iterative Model

Q.3 (a) What a role of software architecture? Explain in detail. (07)

(b) Explain different characteristics of SRS. (08)

OR

Q.3 (a) Write a short on components of SRS. (07)

(b) What is SRS? Explain problem analysis attributes. (08)

Q.4 What is testing? What are error, fault, and failure? Explain black box testing in brief. (15)

OR

Q.4 (a) What is coding? Explain common coding errors. (07)

(b) Explain structured - unstructured programming and coding standards. (08)

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