AB-2745
Third Year B. Com. (Computer Application)
(Sem. V) Examination
March/April – 2015
Software Engineering : Paper - VIII

Time : 2 Hours] [Total Marks : 50

Instruction :

1 Answer in Short (Any 6) : 12

(1) What is context level diagram?
(2) Explain defect, fault and error.
(3) What is the importance of requirement specification?
(4) List out different types of testing.
(5) Define Software.
(6) What do you mean by problem analysis?
(7) What is Functional Independence?

2 (a) Explain all phases of waterfall model. 7
(b) What is Software? Explain its characteristics. 7

OR

(a) Explain generic view of Software Engineering. 7
(b) Write a note on System Design. 7

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3 (a) State different techniques to gather the requirement and explain any two techniques in detail.
(b) Explain Functional and Structural Testing.

OR

(a) Write a note on Testing Fundamentals.
(b) Explain Prototype model.

4 Answer the following:

Draw a Data Flow Diagram for Railway Reservation System upto 2nd level.

OR

What is Data Dictionary? Explain Data Dictionary giving proper example of any system.