



**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 :**

<p>नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : Third Year B. Com. (Computer Application) (Sem. V)</p> <p>Name of the Subject : Software Engineering : Paper - VIII</p> <p>Subject Code No. : 2 7 4 5 Section No. (1, 2,...): Nil</p>	<p>Seat No. : □ □ □ □ □ □</p> <p style="text-align: center; border: 1px solid black; border-radius: 15px; padding: 10px;">Student's Signature</p>
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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

- 3 (a) State different techniques to gather the requirement and explain any two techniques in detail. 7
- (b) Explain Functional and Structural Testing. 7

**OR**

- (a) Write a note on Testing Fundamentals. 7
- (b) Explain Prototype model. 7
- 4 Answer the following:

Draw a Data Flow Diagram for Railway Reservation System upto 2<sup>nd</sup> level. 10

**OR**

What is Data Dictionary? Explain Data Dictionary giving proper example of any system. 10

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