

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc. (IT) (Sem.-6th)
SOFTWARE ENGINEERING
Subject Code : BS-302
Paper ID : [B0421]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and students has to attempt any **FOUR** questions.

SECTION-A**I. Write briefly :**

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- (a) What are control flow graphs?
- (b) What is earned value analysis?
- (c) What is Risk migration?
- (d) What is error tracking?
- (e) What is the significance of cost estimation?
- (f) What are the characteristics of good SRS?
- (g) What are coupling and cohesion?
- (h) List the advantages of using waterfall model instead of adhoc build and fix model.
- (i) What is risk management? How is it important?
- (j) Why should we test? Who should do the testing?

SECTION-B

2. What is Waterfall model of system development? What are its advantages and limitations? Explain.
3. What are the various Team approaches in the Software Project Management?
4. What are the Risk identification and estimation methods? Explain risk management plans in detail.
5. What is a data dictionary? What are its contents? What are the rules and conventions for storing data in the data dictionary?
6. Explain various testing techniques in detail.
7. What are characteristics and components of SRS? Explain.

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