

**B.Tech. – VIEP – COMPUTER SCIENCE AND
ENGINEERING (BTCSVI)**

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Term-End Examination

June, 2018

BICSE-012 : SOFTWARE REUSABILITY

Time : 3 hours

Maximum Marks : 70

Note : *Attempt any **seven** questions. Each question carries equal marks.*

1. What is re-use driven engineering ? Explain the necessary steps. 10
2. Explain the different methods and steps involved in software engineering process. 10
3. What is object oriented software engineering ? Compare it with the traditional software engineering paradigm. 10
4. Explain the concept of component systems. Describe with the help of suitable examples. 10

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5. Explain the business match architecture with the help of suitable diagram. 10
 6. What are the essential requirements in component system and application system engineering ? 10
 7. What is software testing ? What are the different methods involved in software testing ? 10
 8. Describe Application Family Engineering, with the help of suitable example. 10
 9. Explain the various steps involved in the transition parameter to re-use business. 10
 10. Write short notes on any *two* of the following : $2 \times 5 = 10$
 - (a) Estimation of Cost
 - (b) Final Packaging of Component System
 - (c) Use-Case Components
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