

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

Term-End Examination

June, 2016

00156

BICSE-012 : SOFTWARE REUSABILITY

Time : 3 hours

Maximum Marks : 70

*Note : Answer any **seven** questions. All questions carry
equal marks.*

1. Explain the architect components and applications in Reuse engineering. 10
2. What are the different object components in architectural style ? Explain them. 10
3. Draw and explain the business match architecture. 10
4. What are the requirements in Component system and Application system engineering ? 10
5. How can we analyze the system engineering requirements ? Write down the steps for system engineering requirements. 10

6. Explain in detail how system engineering can be expressed in a team of workers. 10
 7. Define an interface. Explain parallel input and output interface. 10
 8. What is testing ? Why do we need tests ? What are the different methods involved in testing ? 10
 9. How is the business reuse managed in an organization ? Explain. 10
 10. Describe any *two* of the following : 2×5=10
 - (a) Modular Design
 - (b) Estimation of Cost
 - (c) Subroutine Parameters
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