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

Term-End Examination

⊡⊡⊆⊿⊡   **December, 2017**

BICSE-012 : SOFTWARE REUSABILITY

Time : 3 hours   *Maximum Marks : 70*

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

1. Discuss business characteristics of reusable software systems.   *10*

2. Explain the advantages of object oriented software business engineering.   *10*

3. Briefly explain different object components in architectural styles.   *10*

4. Explain the issues and challenges in transition from a traditional system to a reusable system.   *10*

5. Discuss the roles and responsibilities of workers in the software development process. *10*

6. What is a Use Case ? Explain with the help of a suitable example and diagram.　　*10*

7. Draw and explain the business match architecture.　　*10*

8. What is Testing ? Explain different types of testing.　　*10*

9. Briefly explain different software engineering processes.　　*10*

10. Describe any *two* of the following :　　*2×5=10*

(a)　Requirement Analysis

(b)　Application System Engineering

(c)　Modular Design

————