St. Thomas’ College of Engineering & Technology

**B.Tech. 7th Semester, Assignment (Internal), Sep 2018**

**Software Engg. (CS701)**

# Full Marks : 30 Time : 1½ Hour.

**A. Answer the following questions: 5x1=5**

**1.** 

**2.** 

**3.**



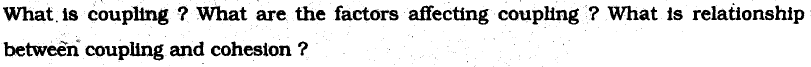
**4.**



**5.**



**B. Answer the following questions in brief: 2x5=10**

**6. **

**7. **

**C. Answer the following questions: 1x15=15**

**8.**

**Draw the context diagram and Level 1 DFD for the following Mail Order Processing System. "HMV Records is a mail-order company that distributes CDs and tapes at discount prices to record club members. When an order processing clerk receives an order form, he or she verifies that the sender is a club member by checking the member file. If the sender is not a member. The clerk returns the order along with a membership application form. If the customer is a member he clerk verifies the order Item data by checking the Item Me. Then the clerk enters the order data and saves it to the Daily Order file. The clerk also prints an invoice and shipping list for each order, which are forwarded to order fulfillment”.**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **OUTCOME BASED EDUCATION (OBE)** | | | | | | | | |
| **CO mapping with Bloom’s Level** | | | | | | | | |
| **Q. No.** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| **CO** | C401.1 | C401.1 | C401.3 | C401.2 | C401.4 | C401.3 | C401.6 | C401.3 |
| **Bloom’s level** | 2 | 2 | 6 | 2 | 4 | 6 | 4 | 6 |

**Bloom’s Level**: **Remember** = 1, **Understand** = 2, **Apply** = 3, **Analyse** = 4, **Evaluate** = 5, **Create** = 6