**COMPUTER ENGINEERING DEPARTMENT**

**ASSIGNMENT NO-02**

**SUB: Software Engineering**

**COURSE: T.E. Year: 2020-2021 Semester: VI**

**DEPT: Computer Engineering**

**SUBJECT CODE: CSC601 SUBMISSION DATE: 10/04/2021**

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**Assignment No 2**

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| **Sr.**  **No.** | **Question** | **CO**  **mapping** | **PO mapping** | **PSO**  **Mapping** |
| **1** | What is Software Design?  Explain various fundamentals design concepts. | CO4 | PO2,PO3,PO10, PO11, PO12 | 1 |
| **2** | Differentiate between Cohesion and coupling.  Explain various types of coupling with suitable examples. | CO4 | PO2,PO3,PO10, PO11, PO12 | 1 |
| **3** | Define Risk and Risk Projection.  Develop an RMMM plan for the following risk;  **i)** Staff turnover occur  **ii)** Computer crash | CO5 | PO1,PO2,  PO3,PO4,  PO5,PO7, PO8,PO9, PO10,  PO11,  PO12 | 1 |
| **4** | Explain change control and version control in SCM. | CO5 | PO1,PO2,  PO3,PO4,  PO5,PO7, PO8,PO9, PO10,  PO11,  PO12 | 1,2 |
| **5** | Differentiate between white box and black box testing.  Explain white box testing in detail.  Also, explain cyclomatic complexity. | CO6 | PO3,PO4,  PO6,PO7, PO8,PO9, PO10,  PO11,  PO12 | 1,2 |
| **6** | Explain different types of software maintenance in detail. | CO6 | PO3,PO4,PO6,PO7,  PO8,PO9,PO10,  PO11,  PO12 | 1,2 |