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| **IMS ENGINEERING COLLEGE** | **IMSEC/QF/48** |
| **FORMATS** | **Page 1 of 1** |
| **Issue No: 01** |
| **Tutorials/ Assignments/ Quizzes** | **Issue Date: 1 May 2010** |
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| Subject Name | **Software Engineering** | Subject Code | **NCS-602** |
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**B.Tech 3rd Year CS2 and 2nd Year CS3**

**Assignment 1**

**Q1.** Justify the following:

“Spiral lifecycle model can be considered to be a Meta model”.

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**Q2.** Mention the important phases of spiral model. Compare the relative merits and demerits of

Spiral model and the prototype model of software development.

**Q3.** Define the term software Engineering? Explain the major differences between Software Engineering and other traditional discipline engineering.

**Q4. A)** List any two basic characteristics that differentiate a simple program from software product**.**

**B)** Differentiate between software measure and software metric.

**Q5.** Explain the following statement “Software Engineering is Layered technology”

**Matrix for Mapping between POs and Questions:**

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| --- | --- | --- | --- |
| Question No. | CO | PO | PSO |
| Q1 | 1,2 | 3,11,12 | 2 |
| Q2 | 1,2 | 3,11,12 | 2 |
| Q3 | 1,2 | 3,11,12 | 2 |
| Q4 | 1,2 | 3,11,12 | 2 |
| Q5 | 1,2 | 3,11,12 | 2 |