# **Software Engineering**

# **KCA 302**

# **MCA, Third Semester**

# **Assignment:1**

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| Q. No. | Question | Marks | CO | BL/KD |
| 1 | How you will differentiate program from software? Explain with example and its real life use. | 5 | 1 | 2/C |
| 2 | Explain the difference between Spiral Model and Waterfall Model with example | 5 | 1 | 2/C |
| 3 | How SDLC is useful for disciplined approach towards software development. | 5 | 1 | 2/C |
| 4 | Explain Evolutionary Model with example. | 5 | 1 | 2/C |
| 5 | Explain the use of Prototype Model with example. | 5 | 1 | 2/C |
| 6 | Explain how you will conduct the SRS for student registration system and produce the required document for the same to be followed during the software design phase. Explain with example. | 10 | 2 | 2/P |
| 7 | Explain the ERD while drawing it for student registration system for paid courses provided through the XYZ institute | 10 | 2 | 2/P |
| 8 | Draw the DFD for the above case along with required explanation against your each of the assumptions. | 10 | 2 | 2/P |
| 9 | How SRS may get considered as the initiation of testing phase. | 5 | 2 | 2/C |