**Software Engineering KCS 601**

**Assignment 1**

Q1. What is software engineering? Explain software crisis and its causes.

Q2. What is SDLC and what is its need?

Q3. Discuss the strength and weakness of classic waterfall model.

Q4. Draw a schematic diagram of evolutionary model and compare it with incremental model.

Q5. What is the benefit of making a protype in prototyping model? Where a prototyping model is used.

Q6. Explain V model and where V model is used?

Q7. Discuss the phases of spiral model and when it is used.

Q8. Explain RAD model and compare it with other models.

Q9. What are components of software engineering and it’s characteristics?

Q10. Compare between traditional and modern software engineering development techniques?