CSIT 415– SE II   **Assignment 1**   **Dr. Hubert Johnson**

Due Date: **March 5, 2015**   **Total Points: 60**

Submission Instruction:

1.   All your work must be done using an appropriate word processor. No hand-written submission will be accepted

2.   The question being answered must first be stated before the response is given

3.   You must have a cover page similar to that required for project submission (Of course the assignment is individual work, not a team effort)

Exercises:

1.   Read the press release and failure report for the Ariane-5 Flight 501. an electronic copy of the failure report is available at http://sunnyday.mit.edu/accidents/Ariane5accidentreport.html. . The joint ESA/CNES press release is available at http://www.esa.int/esaCP/Pr_20_1996_p_EN.html. In addition, see the case study at http://www.niwotridge.com/Resources/Ariane5Resources/ariane5.pdf

     Discuss the specific kinds of tests which might have exposed the problems that caused each of the failures? (18 pts)

2.   From your text (Software Engineering – Theory and Practice, 4th edition))

     Chapter 7: Exercise 9, and 11   (14 pts)

     Chapter 8 Exercise 4, 5, and 7. (28 pts)

`   Grading

Question	Points Earned
1.(Ariane5)	/18
Ch. 7 N0. 9	/7
Ch. 7 No. 11	/7
Ch. 8 No. 4	/10
Ch. 8 No. 5	/10
Ch. 8 No. 7	//8
Total	/60

NOTE:

1.   **Submit a hard copy on the due date**. **No attached copy to email.**

2.   Pages must be stapled together