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Name: ID:

**Daffodil International University**
**Department of Software Engineering**
**SE111 – Computer Fundamentals**
**Class Test 01**
**Section – 48 (I)**
**Summer 2026**

**Time: 30 minutes**

1. A student types an assignment using a keyboard and receives a printed copy from a printer. Explain the working functions of the computer involved in this process. 3
2. A computer suddenly stops displaying anything on the screen, but the CPU is running. Which component is most likely responsible for displaying the output? Identify the major components of a computer that are involved in producing output. 3
3. Suppose a CPU contains a Control Unit and Memory Registers but does not have an Arithmetic Logic Unit (ALU). What problems would arise? Explain with a diagram by referring to the functions of CPU components. 3
4. Convert the following decimal numbers into binary, Octal & Hexadecimal numbers. 6
   a) $87.6875_{10}$
   b) $6.625_{10}$
   c) $999_{10}$

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