Final Exam Suggestions for CS

1. <u>Lecture 5</u>:
   - ✓ Definition of Network, Computer Network.
   - ✓ Computer network types (PAN, LAN, MAN, WAN).

   <u>Lecture 6:</u>
   - ✓ Definition of Network Topology.
   - ✓ Only names of common network topologies.
   - ✓ Similarities and differences between internet and Intranet.

   <u>Lecture 6 computer network topologies supplements:</u>
   - ✓ Draw example of network topology (Bus, Star, Ring).
   - ✓ Advantages and Disadvantages of network topology (Bus, Star, Ring).

   (**Set 1 and 2 are mixed from above topics**)

2. <u>Lecture 7</u>:
   - ✓ Definition of Database.
   - ✓ Where databases are used?
   - ✓ Definition of Database Management System (DBMS).
   - ✓ Advantages of DBMS over File management System.
   - ✓ Examples of Database Management Systems (Names)
   - ✓ Definition of Table, Field, Record and Primary Key.

   (**Set 3**)

3. Binary to Decimal and Decimal to Binary conversion **step by step** only for Integer numbers.

   <u>Lecture 4:</u>
   - ✓ Definition of Translation Software, Source program and Object program.
   - ✓ Differences between compilation and Interpretation.