Q1) Define five from the following:
Software metrics, Reliability, Real time system, Program debugging,
Functional independence, Information hiding, Transaction flow, Stepwise refinement

Q2) What are the objectives of five from the following:
1- The initial model step in Jackson method.
2- Using PDL in software development.
3- Property check list.
4- Formal technical review.
5- Tabular collection diagrams (TCD) in core.
6- Prototyping process.
7- Block box testing.
8- Acceptance test.

Part -2- Answer about three from each of the following question

Q3)  
   a- Discuss in sequence the activities executed in waterfall model.
   b- Why software specification documents issued to three levels of personals and what is the content of each document.
   c- Software requirements falls into two categories, explain.
   d- What are the topics that are presented as part of software project planning.
   e- What are the characteristics of a good software engineering.

Q4)  
   a- Why formal transformation technique is not widely used in software development.
   b- What is meant by cohesion, discuss it’s spectrum (types) in sequence.
   c- Mc/call categorized the parameters that effect software qualities into three categories, explain in detail.
   d- What are the types of software systems.
   e- What are the activities involved in human engineering.