 1. Blockchain is a continuous and permanent ledger/ record book that  
 keeps record of all business that have been taken place in a very  
 secure, tamper proof, immune way in the absence of any centralized or  
 third party authority.  
  
2. Blockchain technology is trying to solve the following shortcomings of  
 traditional internet system :  
 A. Authenticity of data / information ( whether data is original/tamper  
 proof/ validity of source )  
  
 B. Security ( validation of data and hacking proof system )  
  
 C. Involvement of third party  
  
 D. Decentralization of authority  
  
3. Features of blockchain are :- verifiable, immutable, secure, tampered  
 proof data accessibility .  
  
4. A block contains :- block number, transaction records, previous block  
 signature and mining key  
  
5. Blockchain technology that is a mixture of Distributed Data Base  
 System ( DDBS ) and Cryptography. Now through DDBS same data or  
 information can be stored in different computers at the same time.  
 Now by encryption the data will have its own digital signature that will  
 be unique in nature. If anything is changed in the original text the  
 signature of the new text will automatically change.  
  
i.e New Digital Signature = Previous Signature + New Data

Thus if the person wants to verify the signature he can approve it from  
the shared data system nearest to him. And thus one can verify the  
data.  
  
THANK YOU