



Inter-State School Of Higher Education  
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December 2021 Session

**Test of Computer Security** Level: II      Academic year: 2021/2022      Branch: Software  
Engineering      Duration: 02h

**Section I: Structural**

1. Define the following terms.....3mks
  - i. Network Security
  - ii. Computer Security
  - iii. vulnerability
  - iv. Risk
2. With the Aid of Diagrams Describe
  - a) The principles of Security and how you would provide these services.....5mks
  - b) How can we implement Authentication with the public key Infrastructure?.....2mks
3. Deferens between the items bellow with example.....6mks
  - i. Active and passive Attacks
  - ii. MAC,DAC and RBAC
  - iii. ACL and Compatibility List
  - iv. OIDs and MIRs
4. Describe the DOS,DDOS,MITM and Phishing attacks with example.....4mks

**GOOD LUCK ☺**