

**Ph.D. Course Work-2018A**  
**3<sup>rd</sup> Sessional**  
**COMPUTER FUNDAMENTALS**  
**(PhD-II)**

**Duration: 1Hrs.**

**Full Marks: 30**

*(Answer any three questions)*

1. What do you mean by topology? Explain ring topology with their advantage and disadvantages. 10
2. What is website? Define home page. Explain web browser and search engine 10
3. What do you mean by computer network? Explain LAN, WAN, & MAN 10
4. What are principles of information security? What do you mean by cryptography? Explain public key cryptography and secrete key cryptography. 10
5. What is database management system? Discuss the advantages of database management system. 10

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