

**B. TECH. (COMPUTER SCIENCE & BUSINESS SYSTEMS) (CBCS - 2018 COURSE)**  
**B.Tech. (CSBS) Sem - VI :SUMMER- 2022**  
**SUBJECT : INFORMATION SECURITY**

Day : Wednesday  
Date : 15-06-2022

**S-20470-2022**

Time : 02:30 PM-05:30 PM  
Max. Marks : 60

---

**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
  - 4) Assume suitable data if necessary.
- 

**Q.1**      What are different security policies and procedures in information security?      **[10]**

**OR**

How does security notation and threats can affect computing?      **[10]**

**Q.2**      How does multilevel security approach is used to enhance the security level?      **[10]**

**OR**

Explain any two security models in detail.      **[10]**

**Q.3**      How does non-interference and policy composition is done?      **[10]**

**OR**

Explain the role of information security department.      **[10]**

**Q.4**      Write a short notes on :      **[10]**

- a) Intruders                      b) Hackers

**OR**

What is vulnerability? Explain its source and assessment.      **[10]**

**Q.5**      What are various e-mail and internet policies?      **[10]**

**OR**

How does program security is maintained?      **[10]**

**Q.6**      How does backup and recovery techniques are used to avoid disaster?      **[10]**

**OR**

Write short notes on :      **[10]**

- a) NESSUS                      b) NMAP

\*      \*      \*      \*