# Computer system security Question Bank

## Unit-1

Q1. Explain briefly computer security system. How you will design the policies for information security an organization?

Q2. Which components of the computer system need to be secure?

Q3. Discuss the goals of CSS?

Q4. Describe the problems related with CSS?

Q5. Explain security measure taken to protect the system.

Q6. How can an organization protect its computer system H/w?

Q7. Discuss different security models in detail.

Q8. Discuss various attack in computer security.

Q9. write a note on marketplace for vulnerabilities

Q10. Discuss control hijacking in security.

Q11. Describe buffer overflow?

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Unit-2

Q1. Define the term confidentiality policies. Explain confidentiality model.

Q2. What are the issues related Bell-Lapadula model?

Q3. Explain Discretionary Access control.

Q4. Describe detour used in Unix user ids and process ids.

Q5. Explain basic permission bits on non-directories and directories files.

Q6. Define SUID, SGID and sticky bits.

Q7. Discuss confinement techniques in detail.

Q8. What do you mean by VM based isolation?

Q9. Define the term rootkit.

Q10. What do you understand by Intrusion detection system (IDS).

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Unit 3.

Q1. Explain briefly the term access control.

Q2. Describe different models of access control.

Q3. What are the components of access control System?

Q4. What are the characteristics and features of Unix?

Q5. Differentiate between unix and windows.

Q6. What are the various issues in access control?

Q7. Describe browser isolation.

Q8. Explain working of browser isolation.

Q9. Define web security with its goals.

Q10. Explain threat modelling what is its purpose?

Q11. Discuss threat modelling methodologies.

Q12. What is rendering? Discuss rendering engine. List some rendering engine in web browser.

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