

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- Oct 2017

M.Tech. I<sup>st</sup> Semester

COURSE CODE: 10M1WCI131

MAX. MARKS:25

COURSE NAME: System and Network Security Techniques

COURSE CREDITS: 2

MAX. TIME: 1.5 Hr

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*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.*

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Que:1. [5 Marks] Explain the following terms-

- a. DMZ
- b. LEAP
- c. Extranets
- d. Cross-site Scripting
- e. L2TP

Que:2. [5 Marks] Explain the static code analysis and dynamic code analysis to identifying the bugs in software. You can use an example to depict the necessity.

Que:3. [5 Marks] What are required network design considerations? Explain the Cisco hierarchical internetworking model.

Que:4. [5 Marks] What are the strengths and weaknesses of firewall? Explain various types of firewalls in detail.

Que:5. [5 Marks] Explain sample quarantine logic for the authentication of Windows 2000 and XP clients. Give flow diagram for the same.