

LL.M. (CBCS Pattern) Semester-III
PLFC01 - Computer (Foundation Course)

P. Pages : 1

Time : Three Hours



GUG/W/24/10167

Max. Marks : 80

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- Notes : 1. All questions are compulsory.
2. All questions carry equal marks.

1. What is Software and why is it essential for computer system? How do software updates benefit users and system?

OR

Define Computer, its history and their components in brief.

2. Describe the basic types of Network Topologies? How does a star topology differ from a ring topology.

OR

What is the Internet and how does it differ from the world wide web (www)? Explain HTTP and HTTPS in detail.

3. How do you cyber crime investigators stay updated with emerging threats and technologies? What type of digital evidence are typically collected in a cyber crime investigation?

OR

What is cyber forensics? What are some commonly used - tools in cyber forensic with their functions?

4. What is Ethical hacking? Also explain white hat, gray - hat and black - hat hackers.

OR

What is a mobile virus? How do mobile viruses typically infect devices?

5. How do different types of operating systems (e.g. DOS, windows and UNIX) differ in terms of architecture and functionality.

OR

Explain the term Graphical User Interface (GUI). How does a GUI facilitate user Interaction with a computer system?
