

Second Semester FYUGP Degree Examination April 2025
KU2DSCCSY106 - FUNDAMENTALS OF CYBER
SECURITY

2024 Admission onwards

Time : 1.5 hours

Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. What is cyberspace?
2. Define LAN.
3. What is hub?
4. Define gateway.
5. What is the use of FTP?
6. What is the use of TELNET?
7. What is spoofing?
8. What is Hijacking?

Section B

Answer any 4 questions. Each carry 6 marks.

9. Write short notes on threat and vulnerability.
10. Compare VPN and MAN.
11. Explain bus topology with a diagram.
12. Compare HTTP and HTTPS.
13. Explain ethical hacking.
14. Compare DoS and DDoS.

Section C

Answer any 1 questions. Each carry 14 marks.

15. a) Explain the various terminologies in cyber security.
b) Explain the CIA Triads in Cyber Security.
16. a) Explain IP address classification with examples.
b) Explain OSI model in detail with a diagram.