

**Third Semester FYUGP Degree (Reg) Examination November
2025**

**KU3VACCAP101 - HARDWARE AND NETWORKING
ESSENTIALS**

2024 Admission onwards

Time : 1.5 hours

Maximum Marks : 35

Section A

Answer any 6 questions. Each carry 2 marks.

1. Define fibre optic cable.
2. What is linker?
3. Define IPV4.
4. Which layers in the OSI model are the user support layers.?
5. What is ROM?List its types.
6. What are the characteristics of secondary storage devices?
7. Define IPV6
8. Differentiate input and output devices.Give examples for each.

Section B

Answer any 4 questions. Each carry 4 marks.

9. Explain in detail the function of an Interpreter.
10. Identify which OSI layer would handle encryption in a secure session.
11. Explain the functions of Utility Software.
12. Explain the main function of Router and Modem
13. Explain the functions of BIOS and CMOS in a computer system.
14. Explain any one High level language.

Section C

Answer any 1 questions. Each carry 7 marks.

15. What are the advantages of Linux Operating system?
16. Compare star topology and tree topology in terms of cost,Reliability.