

Fourth Semester FYUGP Degree (Reg) Examination April  
2026

KU4VACCSC106 - INFORMATION STORAGE  
MANAGEMENT

2024 Admission onwards

Time : 1.5 hours

Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. Define accountability service in storage security
2. Define storage security.
3. What is SAN?
4. Define CAS.
5. Define RAID.
6. Draw the architecture of components of an intelligent storage system
7. Define digital data.
8. Differentiate public cloud and private cloud

Section B

Answer any 4 questions. Each carry 6 marks.

9. Explain Nested RAID with a neat diagram
10. Explain RAID 3, RAID 4 with its advantages.
11. Describe Intelligent Storage Array.
12. Analyze disk drive performance factors.
13. Compare IaaS, PaaS and SaaS models.
14. Explain Third Platform technologies (Cloud Computing & Big Data).

Section C

Answer any 1 questions. Each carry 14 marks.

15. Analyze threats in storage security domains.
16. Compare FC-SAN, NAS and IP-SAN architectures.