

# ExamGenie - Predicted Exam Paper

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## Analysis Summary:

Papers Analyzed: 4

Questions Found: 33

## Most Frequent Topics:

- Packet (frequency: 4)
- Circuit (frequency: 4)
- Switching (frequency: 4)
- Model (frequency: 4)
- Protocols (frequency: 4)
- Reference (frequency: 3)
- Diagram (frequency: 3)
- Differences (frequency: 3)
- Subnetting (frequency: 3)
- Networks (frequency: 3)

## Predicted Exam Questions:

### Section A - High Probability Questions

- Q1. Explain the differences between circuit switching and packet switching.
- Q2. What is a MAC address? How does it differ from an IP address?
- Q3. Describe the process of data encapsulation in computer networks.
- Q4. What is congestion control in networks? Discuss two algorithms used for it.
- Q5. Explain the working of DNS. How does it resolve a domain name to an IP address?

### Section B - Analytical & Comparison Questions

- Q6. How would you integrate packet with circuit in a practical scenario?
- Q7. Compare the effects of switching and model in system performance.
- Q8. Propose a method to optimize packet using principles of switching.

### Section C - Application-Based Questions

- Q9. Discuss a real-life example where packet is used effectively.
- Q10. Design a scenario where circuit can solve a real-world problem.
- Q11. Explain how switching can be applied in a practical project or experiment.
- Q12. Discuss a real-life example where model is used effectively.