

TRƯỜNG ĐẠI HỌC BACH KHOA HÀ NỘI VIỆN ĐIỆN TỬ- VIỆN THÔNG	ĐỀ THI MÔN : MẠNG THÔNG TIN Ngày thi : 30-5-2011 Thời gian làm bài : 90 phút

**Phần trắc nghiệm ( 4 điểm )**

- Báo hiệu kênh chung (CCS) là phương thức báo hiệu mã
  - Tin hiệu báo hiệu và tin hiệu thoại truyền chung trên một đường truyền dẫn
  - Các tin hiệu báo hiệu truyền chung trên một đường truyền dẫn
- Sự khác biệt giữa packet switching và circuit switching
  - Không có sự khác biệt
  - Trong chuyển mạch kênh, các gói đến đích theo một thứ tự trong khi chuyển mạch gói thì không
  - Trong chuyển mạch kênh, đường dẫn là xác định cho một cuộc nối, còn chuyển mạch gói thì không
- Giao thức nào có chức năng điều khiển luồng
  - X25
  - ATM
  - MPLS
- Các bên tin trong kiểu mạng tựa kết hợp ở CCS7
  - Cần phải có
  - Không cần phải có
  - Không có quy định về DPC ( mã điểm nguồn ) và OPC( mã điểm đích )
- Hạn chế của chuyển mạch T trong chuyển mạch PCM-TDM ?
  - Tốc độ chuyển mạch chậm
  - Dung lượng bị hạn chế
  - Dung lượng phụ thuộc vào công nghệ chế tạo RAM
  - Cả ba câu trên đều đúng
- Các chức năng BORSCHT được thực hiện ở bộ phận nào trong thiết bị chuyển mạch PCM-TDM ?
  - Trong SLC
  - Trong card giao tiếp thuê bao
  - Trong phần hệ ứng dụng
  - Cả ba câu trên đều đúng
- Giải pháp cho truyền dẫn số trên 2 đường dây ( ISDN ) ?
  - Kỹ thuật nén thời gian TDD
  - Kỹ thuật triệt ECHO
  - Dùng mã đường dây đặc biệt
  - Dùng lọc số
- Loại báo hiệu nào phải đi qua Gatekeeper
  - RAS
  - Q931
  - H245
- Một báo hiệu số 7 (CCS7) 64Kb/s phục vụ được tối đa bao nhiêu kênh thoại ?
  - Không hạn chế tùy vào thiết kế
  - 2048
  - 4096
  - Cả ba phương án trên đều sai
- MPLS hỗ trợ
  - Nhiều lớp chất lượng dịch vụ
  - 16 lớp chất lượng dịch vụ
  - 8 lớp chất lượng dịch vụ
- Chuyển mạch có thể sắp xếp lại là
  - Chuyển mạch có thể nối bất kì sự hoán vị của các đường dẫn từ các đầu vào riêng biệt đến các đầu ra riêng biệt
  - Cho bất kỳ cuộc nối qua chuyển mạch, bất kỳ đầu vào rồi nào cũng có thể nối đến bất kỳ đầu ra rồi
  - Chuyển mạch nối bất kỳ đầu vào nào đến bất kỳ đầu ra
  - Chuyển mạch có thể nối bất kỳ đầu vào nào đến bất kỳ đầu ra rồi

# K53 Learning Guide

**J Spring**



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