Protocols and Computer Networks Exercise 3

The following text is taken from a Bezeq advertisement for business-oriented networking services.

Metro-transmission

- Advanced user management providing better control of the enterprise network
- Based on Ethernet Layer 2 technology long haul fiber optics
- Ring topology with dozens of rings and hundreds of switches providing 99.995% survivability
- Recovery time for switch to back-up on backbone network of 200 msec
- Powerful routers with a routing capacity of 100 Gbps
- Network management system for monitoring backbone and access lines

SDH-transmission

- SDH transmission for transfer of large communication volumes
- Guaranteed fixed bandwidth independent of transmission load
- Synchronous network provides 99.9995% survivability
- Service supports SDH or Ethernet interface
- Dedicated service for critical timing and processing requirements

For each line, describe the connection to the topics presented in the course.