CHAPTER 29 : Multimedia

Solutions to Selected Review Questions

Review Questions

1. *Jitter* manifests itself as a gap between what is heard or seen.

2. *RTSP* is a control protocol that adds some functionalities to the streaming process. It is an out-of-band controlling protocol that functions like the FTP control connection.

3. *SIP* is an application layer protocol that establishes, manages, and terminates a multimedia session.

4. *JPEG* is used to compress images. *MPEG* is used to compress video.

5. The *DCT* reveals the number of redundancies of a block.

6. In *streaming stored audio/video*, a client first downloads a compressed file and then listens to or watches it. *In streaming live audio/video*, a client listens to or watches a file while it is being downloaded.

7. In *frequency masking*, a loud sound partially or totally masks a softer sound. In *temporal masking*, a loud sound blocks other sounds for a period of time.

8. A *metafile* contains information about a corresponding audio/video file.

9. In *spatial compression*, JPEG compresses each frame. In *temporal compression*,

10. *Blocking* decreases the number of calculations. redundant frames are removed.