1. B.
2. No need to answer – MIDI not in exam.
3. False – 8 bit is considered suitable for vocal only. 16 bit is considered appropriate for music.
4. False – MP3 is a lossy format and you are never able to return to the original representation.
5. False – 0 decibels is the average minimum range a human can hear.
6. WAV, MP3, AIFF
7. According to Nyquist’s thereom, we must sample at least **2** points in each sound wave cycle to be able to reconstruct the sound wave satisfactorily. In other words, the sampling rate of the audio must be at least **double** *(want to double check this answer)* of the audio frequency.
8. E.
9. D.
10. A. *(want to double check this one.)*
11. C.
12. C.
13. D.
14. True
15. B.
16. *Read text book*
17. *Read text book*
18. Double
19. Double
20. Generally, audio CD sampling rate is **44,100hz** and bit depth is **16 bits**.