

## Chapter 8 Study Guide (The Engineers Role In Preproduction)

- 1) Studio Setup involves \_\_\_\_\_  
\_\_\_\_\_
- 2) Equipment Setup includes \_\_\_\_\_  
\_\_\_\_\_
- 3) Track Assignments refers to \_\_\_\_\_  
\_\_\_\_\_
- 4) Microphone placement technique involves aiming mics \_\_\_\_\_  
\_\_\_\_\_
- 5) A movable device used to separate instruments is called a \_\_\_\_\_
- 6) Multitrack recording captures the best sound of instruments playing together while keeping \_\_\_\_\_  
\_\_\_\_\_
- 7) As an Engineer, you need to do everything in your power not to \_\_\_\_\_  
\_\_\_\_\_
- 8) When choosing a mic, you need to consider its \_\_\_\_\_  
\_\_\_\_\_
- 9) Polar Patterns range from \_\_\_\_\_ to \_\_\_\_\_
- 10) The patterns listed in fig 8.2 are \_\_\_\_\_  
\_\_\_\_\_
- 11) Omni directional mic receives audio signals from \_\_\_\_\_
- 12) Cardioid mics (including hypercardioid and supercardioid) receive the majority of their signal from \_\_\_\_\_
- 13) Bi-directional (or Figure-8) mics pick up audio signal from \_\_\_\_\_  
\_\_\_\_\_
- 14) Directional mics are used to pick up \_\_\_\_\_
- 15) Omni-directional mics are used to pick up \_\_\_\_\_
- 16) Do condenser mics require phantom power?
- 17) Do dynamic mics require phantom power?
- 18) Do ribbon mics require phantom power?
- 19) Phantom power can be provided by using the \_\_\_\_\_ switch.

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- 20) Frequency response refers to a microphones \_\_\_\_\_  
\_\_\_\_\_.
- 21) Engineers use the \_\_\_\_\_ on kick drums and \_\_\_\_\_ on snares.
- 22) Condenser mics usually have mostly \_\_\_\_\_
- 23) Dynamic mics usually have some \_\_\_\_\_
- 24) A bass rolloff switch is a low \_\_\_\_\_
- 25) When a sound source moves closer to a mic and the bass response of the mic increases. This phenomenon is called \_\_\_\_\_
- 26) A pad switch \_\_\_\_\_
- 27) When two or more sound waves of the same frequency arrive at a point in space at the same time, an effect called \_\_\_\_\_ can occur.
- 28) The three-to-one (3:1) rule; \_\_\_\_\_  
\_\_\_\_\_
- 29)  $\phi$  - means \_\_\_\_\_
- 30) You may also find phase cancellation due to \_\_\_\_\_  
\_\_\_\_\_
- 31) Put tape labels on all \_\_\_\_\_
- 32) You can also use playlists to keep \_\_\_\_\_  
\_\_\_\_\_
- 33) Try to name your tracks \_\_\_\_\_  
\_\_\_\_\_
- 34) Defragment your hard drive to \_\_\_\_\_  
\_\_\_\_\_
- 35) Eliminate unneeded files from your \_\_\_\_\_