

Questions for Graduate Entrance Exam

1. What are the categories of ~~the~~ the ^{general} term Electronic Music.
2. What is Frequency Modulation? Give an example involving an acoustic instrument and an analogous electronic example.
3. What is amplitude modulation? Give an example involving an acoustic instrument and an analogous electronic example.
4. What is ring or balanced modulation?
What is its application(s) in Electronic Music?
5. What are the ^{most} common wave forms produced by signal generators in Electronic Music Systems? Describe each one in as much detail as possible (not mathematical) and cite a ^{possible} application.
6. What is the difference between active and passive mixing in an Electronic music System?
7. What kind of filter is necessary to attenuate a 60 Hz. signal?

8. What are the basic components of a one channel sound system?

9. What are the differences or similarities between the terms

1. Tape Music

2. Music for Magnetic Tape

3. Electro-Acoustic Music

4. Musique Concrète

and what components are associated with these terms?

10. ^{Compare} ~~What~~ techniques ~~are necessary~~ for starting stopping and shaping (dynamically) tones in tape music and electronic music?

Questions for Graduate Entrance Exam

Exam to be proctored. Time 30 minutes to 1 hour
 Materials necessary: Paper and Pen or Pencil

1. What are the categories of the general term, Electronic Music?
2. What are the ^{technical and aesthetic} differences or similarities between the terms 1) Tape Music, 2) Music for Magnetic Tape, 3) Electro-Acoustic Music, 4) Musique Concrete and what composers are associated with these terms?
3. What are the basic components of a one channel sound system?
4. What are the most common waveforms ^{generated} ~~produced~~ by circuits in Electronic Music Systems? Describe each one in as much detail as possible without mathematics and cite a possible ^{characteristic} application for each one.
5. What is the difference between active and passive mixing in an Electronic Music System?
6. What kind of filter is generally used to attenuate a 60 hz. signal?
7. What is frequency modulation? amplitude modulation? Give an example of each involving an acoustic instrument and an analogous electronic example.

8. What is ring or balanced modulation? What is/are application(s) in electronic music?
9. Compare some techniques for starting, stopping, and shaping (dynamically) tones in taped ^{electronic} music and ^{live} electronic music.
10. Discuss Stravinsky's theories of mechanical music in relation to electronic music from the point of view of performance or composing.

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