

SECTION-B

Note: Short answer type questions. Attempt any six questions out of Eight questions. (6x5=30)

- Q.11 What are the objectives for safety precautions?
- Q.12 What is occupational safety ? Explain it in brief.
- Q.13 Explain frequency response of microphone.
- Q.14 Explain the working principle of piezo electric microphone.
- Q.15 Explain frequency Characteristics of Tweeter.
- Q.16 What are the advantages of DVD?
- Q.17 What is the working principle of optical recording. Explain it in brief.
- Q.18 Explain the frequency ranges of musical instruments.

SECTION-C

Note: Long answer type questions. Attempt any one question out of two questions. (10x1=10)

- Q.19 Draw and explain the block diagram of disc recording.
- Q.20 Explain the construction and working principle of moving coil microphone.

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DVOC (Level 4, 1st Sem.)

Medical Imaging Tech, EMS

**Subject : Trouble shooting & maintenance of
Electronic Equipments-I**

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions . Attempt all ten questions (10x1=10)

- Q.1 What is fire extinguisher?
- Q.2 Why is insulation used for electrical conductors?
- Q.3 Which microphone has best frequency response?
- Q.4 Which frequency is support for Tweeters?
- Q.5 Loudspeaker converts _____ signals into _____.
- Q.6 Expand DVD.
- Q.7 Define optical recording.
- Q.8 Name any two types of microphone.
- Q.9 Storage capacity of DVD is approximately _____.
- Q.10 What is the range of audible sound ?