

SECTION-B

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

- Q.11 Write a short note on special design of equipments from safety consideration.
- Q.12 Explain the working principle of Microphone.
- Q.13 Explain Moving Coil Microphone in brief.
- Q.14 Explain Woofer design feature of Loudspeaker.
- Q.15 Explain the frequency ranges of Musical Instruments.
- Q.16 What is the working principle of Optical Recording. Explain it in brief.
- Q.17 Write a short note on DVD player system.
- Q.18 What are the advantages of CDs?

SECTION-C

Note: Long answer questions. Attempt any one question out of two questions. (1x10=10)

- Q.19 Draw and explain the block diagram of Disc Recording.
- Q.20 Explain the construction and working principle of Moving Coil Loudspeaker.

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1st Sem, Level 4 / DVOC (Medical Imaging Tech., EMS)
Subject : Trouble Shooting & Maintenance of Electronic Equipments - I

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 What is Electric Current Shock Hazards?
- Q.2 What is Occupational Safety?
- Q.3 What is Microphone?
- Q.4 Name any two types of Microphone.
- Q.5 Which frequency is support for Woofer speaker?
- Q.6 On which principle is the Moving Coil Loudspeaker based?
- Q.7 What is the range of Audible sound?
- Q.8 Which type microphone is used in Radios, Tvs and Music system?
- Q.9 Define Optical Recording.
- Q.10 Expand CD.

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