

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. $(6 \times 5 = 30)$

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. $(1 \times 10 = 10)$

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. $(10 \times 1 = 10)$

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.