

- Q.6 Expand the DVD-ROM
- Q.7 _____ and _____ are the two moving part in moving coil microphone
- Q.8 Recording on CD is performed using laser beams in optical recording.(True/False)
- Q.9 Name the constructional material used in manufacturing of CDs.
- Q.10 Frequency range of woofer lies between _____ to _____ Hz.

SECTION-B

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

- Q.11 Describe about the optical recording for DVD.
- Q.12 Differentiate between CD and DVD.
- Q.13 Outline the frequency characteristics of practical loudspeakers.
- Q.14 Discuss the principle of piezoelectric microphone.
- Q.15 How is a microphone constructed?
- Q.16 Outline the differentiating features between Woofer and Tweeter.
- Q.17 Tabulate the faults encountered during recording of DVD.
- Q.18 How does working of moving coil microphone differs from carbon microphone?

SECTION-C

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

- Q.19 Explain the principle, working and construction of variable Capacitance Microphone.
- Q.20 Explain the process of CD manufacturing in detail.

No. of Printed Pages : 2

Roll No.

188531

Level 4 / 1st. Sem. / DVOC

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. All questions are compulsory (10x1=10)

- Q.1 Woofer is also known as.
- a) Treble speaker b) Bass speaker
- c) Loud speaker d) All of above
- Q.2 Instrument that convert sound energy into electric energy is.
- a) Loudspeaker b) Microphone
- c) Dynamo d) None of above
- Q.3 Frequency used for tuning musical instruments is
- a) 220Hz b) 1000Hz
- c) 440Hz d) 100Hz
- Q.4 Tweeter produces.
- a) High frequency sounds
- b) Low end bass
- c) Mid-high to mid low sounds
- d) Low frequency sounds
- Q.5 Storage capacity of a standard single sided DVD is
- a) 8.5 Gigabytes b) 4.7 Gigabytes
- c) 5.5 Gigabytes d) 6.2 Gigabytes