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Level 4, 2nd Sem / DVOC (Medical Imaging Tech.)

Subject : Troubleshooting and Maintenance of Electronics Equipments-II

Time : 2 Hrs. M.M. : 50

SECTION-A

Note: Objective/ Completion type questions. All questions are compulsory. (10x1=10)

Q.1 A very basic problem in troubleshooting of DVD players is

a) Frequency b) Substitution
c) Integration d) Aspect ratio

Q.2 A typical TV signal requires bandwidth of

a) 4 MHz b) 2 MHZ
c) 3MHz d) 5MHz

Q.3 Which of the following has minimum power consumption

a) LCD b) LED
c) Fluorescent d) Nixie tube

Q.4 In which of the following player all the mechanical, electrical and electronic component need to work in harmony with each other

a) DVD b) CD
c) DVR d) VCR

Q.5 From where does tracing starts to determine the faulty components in an isolated stage in circuit tracing techniques

a) Section b) Stages
c) Components d) Pin points

Q.6 Full form of LCD is_____

Q.7 Expand HDTV

Q.8 Expand CATV

Q.9 Cable used in transmission of TV signal is termed as____

Q.10 Telephone handset consists of two major parts named_____and_____

SECTION-B

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

Q.11 Identify the basic troubleshooting for printers.

Q.12 Discuss the working of remote control on TV receiver.

Q.13 List out any four fault encounter in scanners.

Q.14 Discuss the modulations used for audio transmission and reception in TV

Q.15 Explain the concept of Horizontal deflect

Q.16 List the steps involved in repair of LCD

Q.17 Describe briefly about picture tube and its associated circuits with the diagram.

Q.18 Summarize the steps of fault finding and analysis of fax machine.

SECTION-C

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

Q.19 Describe briefly. (a) Color transmission (b) Block diagram of Telephone

Q.20 Explain the cable and Trunk distribution system with block diagram.