Third Year B.Sc MLT Degree Supplementary Examinations October 2019

Electronics, Computer Science & Biomedical Instrumentation Technology

(2010 & 2015 Scheme)

Time: 3 Hours   **Total Marks: 100**

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay   **(2x10=20)**

1. Explain the networking of computers LAN and WAN   (5+5)
2. Discuss on preventive maintenance and break down maintenance   (5+5)

Short notes   **(10x5=50)**

3. Input devices of a computer
4. Full wave rectifier
5. PNP transistor
6. Deep freezer
7. EEG machine
8. Echo encephalography
9. Digital subtraction angiography
10. GM counter
11. Pulse height analyzer
12. Scintillation detector

Answer briefly   **(10x3=30)**

13. Application of zener diode
14. Frequency response of an amplifier
15. Components of a computer
16. Heating mantle
17. Walk-in-cooler
18. Suction apparatus
19. Spirometer
20. Normal ECG waveform
21. Fingertip pulse oximeter
22. Ionization detector

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