

Course Code: 1MSCP4
Course: Electronic Devices
Credit: 3
Last Submission Date: April 30 (for January Session)
October 31, (for July session)

Max. Marks:-30

Min. Marks:-11

Note:-attempt all questions.

- Que.1 Explain the construction and working of BJT with Neal diagram.
- Que.2 Differentiate between JFET (Junction field effect Transistor) and MOSFET (metal oxide semiconductor field effect transistor).
- Que.3 What is solar cell? Explain its construction and working where is it used.
- Que.4 What is a LED (Light Emitting Diode) ? Describe its construction and working
What are its applications?
- Que.5 What do you mean by volatile and non – volatile memories? Explain DRAM.
- Que.6 Differentiate between ROM (Read only memory) and RAM Random Access memory).
- Que.7 Explain caustic wave devices.
- Que.8 What are acoustic delay lines?