Total No. of Page: 1

Register Number: **2014**

Name of the Candidate:

M.Sc. DEGREE EXAMINATION, 2010

(ELECTRONIC SCIENCE)

(FIRST YEAR)

(PAPER-II)

520. ADVANCED DIGITAL ELECTRONICS

May] [Time : 3 Hours

Maximum : 100 Marks

SECTION-A

Answer any FIVE questions ***(5×4=20)***

All questions carry equal marks

1. Explain the working of RAM
2. Explain EEPROM IC
3. Explain Dynamic shift memory
4. Explain CCD memory
5. Explain Themistor
6. Explain Magnetic tapes
7. Explain BCD adder
8. Explain Hall effect transducer

SECTION-B

Answer any FIVE questions ***(5×16=80)***

All questions carry equal marks

9. Distinguish between Ram and ROM
10. Discuss SRAM and DRAM
11. Explain LVDT and Stain Gauge
12. Explain laser CD with a neat diagram.
13. Explain in detail the working of transducers.
14. Discuss the working of ALU9 IC 74LS 181)
15. Give an account of the development of electronics
16. Explain dual trace oscilloscopes.
