| | | (3 Hours) | Total Marks: | 80 |
|-------|----------------------------|--|------------------|----------|
| N.B.: | | (1) Question No.1 is Compulsory.(2) Attempt any Three questions from remaining five questions | | |
| 1. | Solve (a) (b) (c) (d) | All: Compare Maxwell bridge and Hey bridge for measureme. Write the applications of instrument systems. Write the specifications of CRO. Explain level measurement by float type method. | nt of indutance. | 20 |
| 2. | (a) (b) | Discuss in detail static and dynamic characteristic of ins Write short note on "Data logger". | truments. | 10 10 |
| 3. | (a) (b) | Explain the Kelvin double bridge for measurment of unkn Draw and explain the block diagram of DSO. | own resistance. | 10 10 |
| 4. | (a) (b) | Explain in detail classification and selection criteria of t Write short note on " Dead Weight Tester". | ransducer. | 10 10 |
| 5. | (a) (b) | Draw and explain the block diagram of digital multimeter Draw and explain the construction and working of magnetic construction. | | 10 10 |
| 6. | Write some (a) (b) (c) (d) | Resistance temperature detector Electronics volmeter using transistors | | 20 |