

(OR)

- b) Explain the general purpose spectrum analyzer with a neat block diagram and discuss its application.

23. a) (i) Explain the operation of general purpose CRO with a neat block diagram. (7)
(ii) Explain the principle of dual trace oscilloscope with a neat block diagram. (7)

(OR)

- b) Explain the operation of digital storage oscilloscope with a neat block diagram.

24. a) (i) Explain the principle involved in digital frequency meter with a neat sketch (7)
(ii) Explain the principle involved in computing the total count digitally. (7)

(OR)

- b) Explain any one type of digital voltmeter with a neat sketch and mention its merits and demerits.

25. a) (i) Discuss in detail the principle and working of magnetic tape recorder. (7)
(ii) Explain the construction and working of LED. (7)

(OR)

- b) Explain the various components of data logger in detail.
