CBSE Class 12 Electronic Technology 2011 - Set 116

Question Paper

Conducted by the Central Board of Secondary Education (CBSE)

Time Allowed: 3 Hours **Maximum Marks: 40**

General Instructions

(i) Attempt all questions. Each question carries five marks.

Questions

1.

How does interlaced scanning help in removing flicker ?

2.

Explain the need of synchronising and blanking pulses in T.V. signal.

3.

Draw constructional sketch of a monochrome picture tube and label its different parts.

4.

Draw block diagram of a T.V. transmitter and explain function of each block.

5.

Draw circuit diagram of E.H.T. stage of a T.V. receiver and explain its working.

6.

Name the primary colours and explain their importance in formation of colour pictures.

7.

Draw block diagram of PAL T.V. receiver and explain its working.

8.

Explain principle of video recording on magnetic tape.

- End of Question Paper -