CBSE Class 12 Electronic Technology 2007 - 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.

What do you understand by the term scanning ? How does it help in transmission and reception of pictures ?

2.

What are equalising pulses ? Justify their need.

3.

Draw a constructional sketch of Plumbicon camera tube and explain its working.

4.

Draw block diagram of a monochrome T.V. receiver and explain the function of each stage.

5.

Following symptions are observed in a faulty T.V. receiver. Identify the faults.
(a) Sound O.K., only a horizontal line on screen.
(b) Raster O.K., no sound, no picture.

6.

Draw constructional sketch of delta gun colour picture tube and explain its working.

7.

Draw block diagram of a colour T.V. transmitter and explain its working.

8.

Describe various VCR controls with the help of a block diagram of VCR.

- End of Question Paper -