CBSE Class 12 Electronic Technology 2012 - 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.

Give values of the following according to Indian standards :
(a) Field frequency
(b) Frame frequency
(c) Line frequency
(d) Aspect ratio

2.

Draw sketch of composite video signals at the end of even and odd fields.

3.

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

4.

Draw block diagram of monochrome T.V. receiver and name different blocks.

5.

Explain function of Keyed AGC in a T.V. receiver.

6.

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

7.

Draw constructional sketch of PIL colour picture tube.

8.

Draw block diagram of VCR and explain its working.

- End of Question Paper -