CBSE Class 12 Electronic Technology 2013 - Set 116/1

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 is interlaced scanning ? In what ways does it help ?

2.

What are the different components of composite video signal after end of even and odd fields ? Explain their need.

3.

Draw constructional sketch of vidicon camera tube and label its parts.

4.

Draw block diagram of monochrome T.V. receiver.

5.

Explain function of AFC in TV receiver.

6.

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

7.

With the help of block diagram explain working of PAL TV receiver.

8.

Explain principle of video recording on magnetic tape.

- End of Question Paper -