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# 4631

**BOARD DIPLOMA EXAMINATION, (C-14)  
MARCH /APRIL-2019  
DECE - FIFTH SEMESTER EXAMINATION  
CONSUMER ELECTRONICS**

**Time:3 Hours**

**Max.Marks:80**

**PART-A**

**10x3=30M**

**Instructions:** 1) Answer all questions.  
2) Each question carries three marks.  
3) Answer should be brief and straight to the point and shall not exceed five simple sentence.

- 1) What are the uses of tweeters and woofers?
- 2) State the need of bass, treble, balance, and volume control in stereo amplifier.
- 3) List three advantages and disadvantages of magnetic recording.
- 4) State the frame and field frequencies.
- 5) State need for horizontal synchronisation and blanking pulses.
- 6) List all different pulses in a composite video signal.
- 7) Write the necessity of mid band and super band channels.
- 8) List the three characteristics of Human Eye. What do they determine?
- 9) List different types of colour tv monitors.
- 10) List applications of projection TV.

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