

# 4465

**BOARD DIPLOMA EXAMINATION, (C-14)  
MARCH/APRIL-2019  
DEEE - FOURTH SEMESTER EXAMINATION**

**ELECTRONICS – II**

Time:3 Hours

Max.Marks:80

**PART-A**

**10x3=30M**

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

1. Define (i) Feedback and (ii) Feedback factor.
2. List the advantages of negative feedback.
3. Explain the need for AF oscillator.
4. List the applications of oscillators.
5. Draw the symbol of op-amp and mark the terminals.
6. State the need of timer.
7. Define frequency modulation.
8. Draw the waveforms of amplitude modulated wave.
9. List the front panel controls of a CRO.
10. Define the terms monotonicity and settling time of DAC.

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