Batch-16th   Class Test: 04   Department: CSE Course Code: CSE-2215

Course Title: Digital Electronics and Pulse Technique   Full Marks- 15 Times: 30 Minutes.

Q. No.: 1		Marks
(a)	What function does a DAC perform? Explain the basic characteristics of ADCs. [CO1,PO1,C2]	4
(b)	Assume that the analog sample value is Va = 4.4v. Show the step by step conversion of the analog sample value 4.4v into digital form by using Successive Approximation ADC. [CO1,PO1,C3]	6
(c)	Show the digital outputs of a 4-bit flash ADC for all the possible sample values of the analog input. [CO1,PO1,C3]	5