

14. a) Describe in detail about memory organization of a PIC microcontroller. 13 K2 CO4

OR

b) Explain the architecture of PIC18 with necessary diagrams. 13 K2 CO4

15. a) Explain the mechanism in PIC for interfacing DAC. 13 K2 CO5

OR

b) Explain how temperature sensor is interfaced with PIC18 series microcontroller. 13 K2 CO5

PART - C (1 × 15 = 15 Marks)

16. a) Explain the speed control of DC motor using PIC micro controller with suitable diagram. 15 K2 CO6

OR

b) Draw and discuss a scheme for micro controller based data acquisition system. 15 K2 CO6