BHAGWAN MAHAVIR COLLEGE OF ENGG. & TECH. SURAT

EC DEPARTMENT
ACADEMIC YEAR 2016-17
B.E. 6th SEMESTER

SUBJECT: ADVANCED MICROPROCESSOR
SUBJECT CODE: 2161102

ASSIGNMENT: 5

SUBMISSION DATE: 13TH APRIL 2017

1	Draw interfacing diagram of LPC2148 with LED & switch .write a C program to read the status of switch and get the output of LED .the switch &LED is connected to pin 1.16 & 0.30 respectively
2	Draw and explain interfacing Diagram of relay with LPC 2148 on P0.30 .Write a C program to turn on &off with delay
3	Draw and explain interfacing Diagram of relay with LPC 2148 on P0.30 .Write a C program to turn on &off with delay
4	Explain the concept of virtual memory
5	Explain the various cache organization
6	Write a short note on Advanced Microprocessor Bus Architecture (AMBA).
7	Explain exception handling in ARM processor