

Ques3 Explain CALL, IG, ADD Enstructions CALL :-11183 It activates an out-of-line procedure = saving on the stack the address of the instruction fottown the call for later use by a RET Creturn instruction It places the current value of EIP on the star this address to triansfer control back to the calling program Tumps of greater ADD :-Replaces the destination operand with the sum of the zource and destination operand sets overflow Quest Explain POP & PUSH instructions in detail Anst PUSH decrements the stack pointer (ESP), than transfers the source operand to the top of slath indicated by ESP. PUSH instruction operates on memory operands, immediate operands & registers operand reducing the no-of instructions general registers use in a procedure.

Page No. transfers the word or doubleword at the current memory