

- (b) Construct all data structures for Macro given below 07
MACRO
MCA &X , &Y , ® = BREG
AIF (&Y EQ 0) .ERR
MOVER ® , &X
DIV ® , &Y
.ERR MEND
Also generate the statements for Macro call MCA 5 , 5 , REG = AREG

OR

- Q.4** (a) Explain the procedure for expansion of Nested Macro calls in detail. 07
(b) Write a short note on program relocation with suitable example. 07
- Q.5** (a) Write an algorithm for Pass 1 of Assembler. 07
(b) Write a short note on block device drivers. 07
- OR**
- Q.5** (a) Explain Intermediate code forms for Imperative Statements generated by Assembler. 07
Compare and contrast them.
(b) Write a short note on character device drivers. 07
