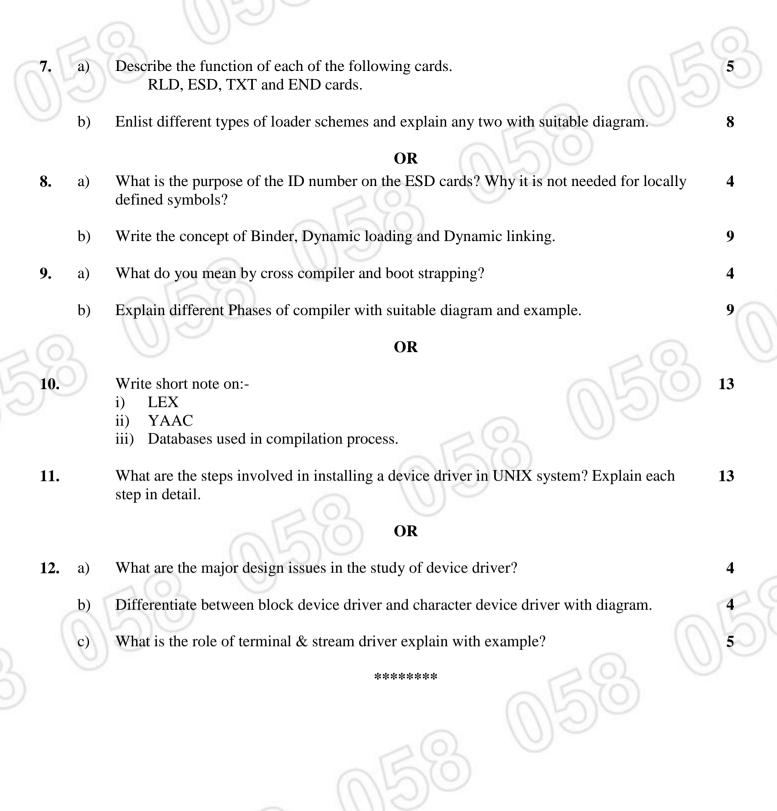


For the given source deck construct the symbol table, literal table, base table and 13 generated machine code. TEST START BEGIN BALR 15,0 USING BEGIN + 2, 15SR 4,4 L 3, = F'10' L Loop 2, DATA (4) 2 = F' 49'А ST 2, DATA (4) 4 = F'4'A 3. \* - 16 BCT BR 14 DATA LTORG DC F '1, 3, 3, 3, 3, 4, 5, 9, 0' **END** What are four basic tasks that performed by the macro processor? a) b) Explain MDT and MNT with format. 5 Explain macro call within macro with suitable example. 5 c) OR 6. For the following program show: 14 i) The expanded assembly language program. ii) The MDT table after macro processing. The MNT table after processing. iii) MACRO & A XYZ ST 1, & A **MEND** MACRO & Z MIT MACRO & Z & W AR 4, & W XYZ ALL **MEND** ST & Z, ALL MEND PROG **START** USING \*, 15 HELLO MIT ST 2, 3 HELLO YALE YALE EQU 5 ALL F '3' DC END v.solveout KNT/KW/16/7354



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