Explain how control signals in Stide 20 (Chapter 4) work. Der metruction of M MUXX registerals 25 Abril 724 to, sign-extended 2 WE 724 to 3 0001/2 129 5/1/2 72/24 454.
2.1 Explain how control signals in Slide 20 (Chapter 4) work.
UE 君社 改立 のでは オマッキュリス アススターを 大田 と スト スト スト ところ のでは オマッキュリス アススターと 大田 と スト
what is the minimum number of cycles needed to completely execute n instructions on a CPU with a k stage pipline? tind a formula.
데 카이 아 instruction 이에 kcycle이지 pipbline 가지 5일하여 이 기에는 N-1 cycle 등은 1 사이들이 관했지 min = ktn-1 이다.
Explain the condition for load-use hazard in Stide 11? ID/EX. MEMRead and (I ID/EX. RegisterRt = IF/ID. RegisterRs) or (ID/EX. RegisterRt = IF/ID. RegisterRt))
Load instruction 412 21591 82 instructional load instructional

3 NI MAR 2 ()
3 Add NOP Instruction to the below so that it will return run creedly on a pipeline that Joes not beallo I is I will return run creedly
on a pipeline that Joes not handle data lozards.
add \$52. \$50. \$51
add) \$53, \$50, L5
add \$54. \$82. \$51
aldi \$50, \$51, 5
NOP
NOP
add \$82, \$50, \$51
addi \$53. \$50,15
NOP
add \$54, \$52, \$51
WW 424 425, 431
Explain the condition of data hozards in slide 69.
1a. EX/MEM. RegisterRd = 1D/EX. RegisterRs
16. EX/MEM. Registered = IDIEX. Registeret
2a. MEM NB. Register Rd = ID/EX. Register RS
26. MEM/WB. Registered = ID/EX. Registeret
ZB. (144.0B. Register)
16 16774 742
(16.16)程程, HB SED MStruction以 对现 从部长对于153
EX hozard 012,
(21.26) 光光
2424 Sel Instructioner mais 48312 76712
MEM hazard olet-

