

Max. Marks: 100

ime: 5 nrs.

- What is performance measurement? Explain the overall SPEC rating for the computer in a b. program suite. (08 Marks)
- Explain the following: (i) Byte addressability (ii) Big-endian assignment (iii) Little-endian assignment. (06 Marks)

OR

Show how the below expression will be executed in one address, two address and three address processors in an accumulator organization.

$$X = A \times B + C \times D$$
 (08 Marks)
hat is the effective address of the source operand in each of the following instructions,

- What is the effective address of the source operand in each of the following instructions, when the Register R1, and R2 of computer contain the decimal value 1200 and 4600?
- (i) Load 20(R1), R5 (ii) Move #3000, R5 (iii) Store R5, 30(R1, R2)
- (iv) Add (R2), R5 (v) Subtract (R1)+, R5 Interpret the Subroutine Stack Frame with example. (04 Marks)
- (08 Marks)



This document was generated automatically by Vizle

Your Personal Video Reader Assistant Learn from Videos Faster and Smarter

VIZLE PRO / BIZ

PDF, PPT Watermarks

- Convert entire videos
- Customize to retain all essential content
- Include Spoken Transcripts
- Customer support

Visit https://vizle.offnote.co/pricing to learn more

VIZLE FREE PLAN

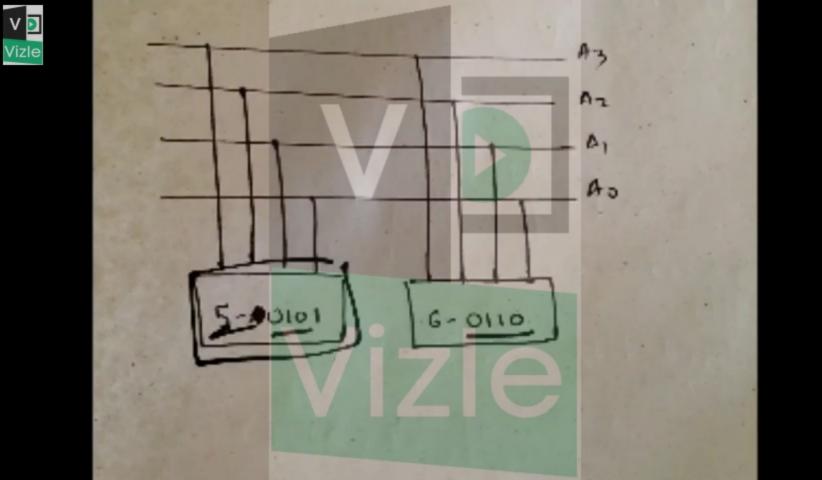
PDF only Watermarks

- Convert videos partially
- Slides may be skipped*
- Usage restrictions
- No Customer support

Visit https://vizle.offnote.co to try free

Login to Vizle to unlock more slides*

20(R) means 20 howtons after R, - Relative Addressing X locations from current location - used to point which is in (XCO)



Total Rows or = 4096 ruws Testal loleums one 27 = 512 columns Ench cell is a byte (8 bits) and for storing the data in each 51th, if and of data lines (8) are required. Cellarmy

Register Q Register M 1000 mi tally 00000 Righter A Step 7: left shift 4 Stepti: if signis 0 Step !: if sign is 1 0000



This document was generated automatically by Vizle

Your Personal Video Reader Assistant Learn from Videos Faster and Smarter

VIZLE PRO / BIZ

PDF, PPT Watermarks

- Convert entire videos
- Customize to retain all essential content
- Include Spoken Transcripts
- Customer support

Visit https://vizle.offnote.co/pricing to learn more

VIZLE FREE PLAN

PDF only Watermarks

- Convert videos partially
- Slides may be skipped*
- Usage restrictions
- No Customer support

Visit https://vizle.offnote.co to try free

Login to Vizle to unlock more slides*