

SY DIPLOMA - VIMP QUESTIONS

DTM (UNIT 4 & 5)

- Q1. Explain Addressing Mode of 8086 and its types.
- Q2. Explain Assembler, debugger and linker.
- Q3. Explain Algorithm and flowchart .
- Q4. Explain Logical ,rotation and shifting Instructions Set of 8086.
- Q5. Explain Strings Instructions Set of 8086.
- Q6. Explain STC, ROR, DAA and LEA instruction set of 8086
- Q7. Explain Architecture Of 8086 microprocessor.
- Q8. Draw 40 Pin diagram Of 8086 microprocessors and explain all pin.
- Q9. What is flag and it's types.
- Q10. Explain ALU in details.
- Q11. Explain two main function unit of 8086.
- Q12. Explain Minimum mode with example.
- Q13. Explain Maximum mode with example.
- Q14. What is a physical address and how we can calculate physical address explain with example.
- Q15. Write ALP to check number is even or odd.
- Q16. Write ALP to find 1s compliment of given number.

Q17. Write ALP to Perform 2 8 - bit BCD Addition

Q18. Write ALP to find smallest value in given array.

Q19. Write ALP to find length of given string.

Q20. Write ALP to find sum of digit.

Q21. Write ALP to find Factorial of given number.

Q22. Write ALP to transfer a block to one array to another array.

