



**Module-5**

- 9 a. Differentiate between :
- (i) Harvard and Von-Neumann architectures
  - (ii) CISC and RISC architecture
- (10 Marks)
- b. Explain the following INT-21 DOS function calls:
- i) Function 09h
  - ii) Function 01h
  - iii) Function 0Ah
  - iv) Function 02h
- (10 Marks)
- OR**
- 10 a. Write an ALP to rotate the stepper motor one rotation in clockwise and one rotation in anticlockwise direction. (10 Marks)
- b. Write a program to generate a square wave in 8086. Also show the interfacing diagram. (10 Marks)

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