

Northern India Engineering College, Shastri Park, New Delhi

Department of Information Technology

Assignment 1: Fundamentals of Computing (Code ETCS – 111)

Marks: 05

Course Facilitator: Dr Shafiq ul Abidin, HoD - IT

Note:

- Last date of submission on or before **02/09/2013.**
- Only hand written assignment will be accepted.
- No assignment will be accepted after due date.

- Q1. Explain computer system architecture.
- Q2. Explain RAM and it's working
- Q3. Explain ROM and its working.
- Q4. Differentiate between impact and non impact printer.
- Q5. What is software? Describe the types of software.
- Q6. Why do we need primary memory?
- Q7. Describe generations of computers.
- Q8. Expand ENIAC, UNIVAC, LEO, ACE, EDSAC, ASCII, EDVAC.
- Q9. Differentiate between GUI and non-GUI based systems.
- Q10. Differentiate between high level and low level languages.
- Q11. Define Masked ROM.
- Q12. What is the function of BIOS?
- Q12. What is the function of Control Unit?
- Q13. Differentiate among compiler, assembler and interpreter.
- Q14. Write short notes on the following:
 - a) Hard Disk
 - b) Magnetic Disk
 - c) Cache Memory
 - d) Flash Memory
 - e) DVD
 - f) Radix.