**NEW INDIAN MODEL SCHOOL, SHARJAH**

**ASSIGNMENT FOR SUMMER VACATION – 2014**

**COMPUTER SCIENCE - CLASS XI K.B**

1. Explain in detail the components of data processing?
2. Why do we need improved methods for data processing?
3. Explain the concepts of data processing?
4. Briefly discuss the different number system?
5. Find the 8bit 2’s compliment form of the given numbers a)-24 b)-98 c)-54 d)-67
6. Convert the number 23410 in to its corresponding binary, octal and hexadecimal.
7. What do you mean by a computer language? Discuss its classifications.
8. Briefly discuss the different visual display units?
9. Explain the various functional units of a computer with neat diagram?
10. Discuss and compare various types of networks?
11. Explain the mostly used topologies?
12. Briefly explain different phases in programming?
13. Write down the structure of a c++ program
14. What are the basic concepts of structured programming? What are its draw backs?
15. Discuss the different types of internet access?