SHREE H. N. SHUKLA GROUP OF COLLEGES

(AFFILIATED TO SAURASHTRA UNIVERSITY)

2 – Vaishalinagar
Nr. Amrapali Railway Crossing
Raiya Road
Rajkot – 360001
Ph. No–(0281) 2471645

3 – Vaishalinagar
Nr. Amrapali Railway Crossing
Raiya Road
Rajkot - 360001
Ph.No–(0281)2440478,2472590

QUESTION BANK – BCA/BscIT-1

SUBJECT: COMPUTER FUNDAMENTAL

1) Explain Block Diagram of computer.
2) Explain Characteristics of computer.
3) Explain Generation of computer.
4) List all the Input Devices? Explain any three of its.
5) List all the Output Devices? Explain any three of its.
6) Explain Storage Devices in brief.
7) List out Types of Memory. Explain any 2.
8) List out Computer Languages and explain any 1.
9) What is OS? List out all OS and explain any 1.
10) Difference between COMPILER and INTERPRETER
11) Difference between RAM and ROM
12) Difference between Primary memory and Secondary memory
13) Difference between Impact and Non Impact printer.
14) Explain following in brief:
    i. Blue Tooth
    ii. Wi-Fi.
    iii. Infrared.
15) Give the Basic introduction of GIS, GPS.
16) Convert the Number as per following:
    1) Decimal to Binary
       a) 35679 b) 95678 c) 3256 d) 4875 e) 799
    2) Decimal to Octal
       a) 35679 b)95678 c) 3256 d) 4875 e) 799
    3) Decimal to Hexadecimal
       a) 35679   b) 95678 c) 325 d) 875 e) 799
17) Convert the Number as per following:
    1) Octal to Binary: (a) 56748 (b) 6234
    2) Binary to Hexadecimal : (a) 100101110 (b) 001110001111010

SHREE H. N. SHUKLA GROUP OF COLLEGES
(AFFILIATED TO SAURASHTRA UNIVERSITY)

2 – Vaishalinagar
Nr. Amrapali Railway Crossing
Raiya Road
Rajkot – 360001
Ph. No–(0281) 2471645

3 – Vaishalinagar
Nr. Amrapali Railway Crossing
Raiya Road
Rajkot - 360001
Ph.No–(0281)2440478,2472590

3) Hexadecimal to Octal : (a) 98AF5 (b) 456DCA23
4) Convert into 1's Complement: (a) 100111011 (b) 10011.10101
5) Convert into 2's Complement: (a) 100111011 (b) 10011.10101
6) Addition of two no.: 100111011.1011 + 1001110101.0110

18) What is Virus? Explain types of viruses.
19) Explain different Software Packages.
20) Explain following terms:
   a). CPU
   b). ALU
   c). CRT display unit
   d). Non CRT display unit
   e). USB
   f). Graphic card.
   g). Network Interface Card
   h). ATM.
   i). Backup and Restore.
   j). Hard copy and Soft Copy.
21) Explain types of plotter in detail.
22) Explain Cloud Computing with its service models and architecture.