



**Shree H.N. Shukla College of I.T. & Mgmt, Rajkot**  
**2-Vaishalinagar,**  
**Raiya Road,**  
**Nr. Amrapali Railway Crossing,**  
**Rajkot 360001,**

**3-vaishlinagar,**  
**Raiya Road,**  
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**Rajkot 360001,**

**QUESTION BANK P.G.D.C.A-SEM-I**  
**SUBJECT: COMPUTER FUNDAMENTAL**

1. Give the Definition of computer.
2. Explain Block Diagram of computer.
3. Explain Characteristics of computer.
4. Explain Generation of computer.
5. Which are the Input Devices? Explain its.
6. Which are the Output Devices? Explain its.
7. Explain Storage Devices in brief.
8. List out Types of Memory. Explain any 2.
9. List out Computer Languages and explain any 1.
10. What is OS? List out all OS and explain any 1.
11. Explain IC with its advantages and disadvantages.
12. Explain Blue Tooth in Brief.
13. Explain Wi-Fi in Brief.
14. What is Infrared? Explain in Brief.
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
  - 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



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- 6) Addition of two no.:  $100111011 + 1001110101$
- 7) Convert into BCD code: (a) 42678 (b) 23012
- 8) Convert into EBCDIC code: (a) 42678 (b) 23012

18. Explain different virus.
19. Explain Bluetooth and WiFi in detail.
20. Explain different PACKAGES
21. Explain GIS & GPS.
22. Explain cpu in detail.
23. Explain alu in detail.
24. explain types of language in detail.
25. Explain crt and non crt display unit in detail.
26. Explain types of plotter in detail.
27. Difference between Ram and Rom.
28. what is Slots.
29. Explain serial cable parallel cable in detail.
30. Explain Usb.
31. Graphic card.
32. ATM.
33. Back up and Restore.



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34.Hard copy and Soft Copy.

35.E-mail.

36. Cursor ,Pointer and icon.

37.Spooling.

38.Bus and Data Bus.

39.Drive and directory.

40.What is Ups.