

CHAPTER 1  
CONFIGURATION OF COMPUTERS

**One mark questions:**

1. What is a motherboard? (U)
2. What is a microprocessor? (U)
3. Define a north bridge. (K)
4. Define a south bridge. (K)
5. Expand BIOS. (U)
6. What is a slot? (A)
7. Give the purpose of expansion slots. (A)
8. What is the purpose of AGP? (A)
9. Expand IDE. (U)
10. Expand PCI. (U)
11. What are ports and interfaces? (U)
12. How many bits of data are transferred along a serial port? (A)
13. Expand USB. (U)
14. Give one feature of USB. (U)
15. Name any one USB device. (A)
16. What is plug-and-play? (A)
17. Expand MIDI. (K)
18. Define a bus. (U)
19. How does the computer communicate with other devices? (A)
20. What is system bus? (U)
21. What is the function of control bus? (K)
22. What is a data bus? (U)
23. What are registers? (K)
24. What is the function of registers in the CPU? (A)
25. Define cache memory. (U)
26. Where is L1 cache located? (A)
27. Where is L2 cache located? (A)
28. Expand SDRAM. (U)
29. Give the expansion of DDRAM. (U)
30. Expand SMPS. (U)
31. What is the use of SMPS? (A)
32. What is the approximate power consumed by a PC? (A)
33. Expand UPS. (U)

**Two marks questions:**

1. Name any two types of motherboard. (U)
2. Explain North Bridge. (A)
3. Briefly explain South Bridge. (A)

4. Name the different I/O ports. (U)
5. Explain parallel port. (U)
6. Briefly explain USB port. (U)
7. Name the two types of primary memory. (U)
8. What are the sources of power supply to the computer? (A)
9. Explain SMPS. (U)
10. Explain UPS. (U)
11. Name the two types of UPS. (U)
12. Explain off-line UPS. (A)
13. Explain online UPS. (A)

**Three marks questions:**

1. Explain the characteristics of a motherboard. (U)
2. Explain different types of motherboard. (U)
3. What is a north bridge? Name the devices controlled by North Bridge. (U)
4. What is south bridge? Name the devices controlled by south bridge. (U)
5. Explain any three components of a motherboard. (U)
6. Give the functions of BIOS. (U)
7. What is a slot? Explain any two slots. (U)
8. Explain the different types of I/O ports. (U)
9. Write a note on serial port. (A)
10. Write a note on parallel port. (A)
11. Explain USB port. (U)
12. Give the features of USB. (U)
13. Explain cache memory. (U)
14. Explain the different types of system bus. (A)
15. Write a note on registers. (U)
16. What is primary memory? Name the two types of primary memory. (U)
17. Briefly explain RAM. (U)
18. Briefly explain ROM. (U)
19. Write a note on DRAM. (U)
20. Write a note on SRAM. (U)
21. Write a note on SMPS. (U)

**Five marks questions:**

1. Explain any five components of a motherboard. (U)
2. Explain the different slots in a motherboard. (U)
3. Explain the different I/O ports and interfaces. (U)
4. Explain USB. (U)
5. What is an internal memory? Give the features of internal memory? (U)
6. Explain cache memory. (U)
7. Explain different types of RAM. (U)