**Q24.** Which of the following is an appropriate description of memory interleaving?

- a) Compensating the difference between the access time of main memory and that of hard disk.
- Dividing main memory into several banks and speeding up access to sequential addresses in memory.
- addresses in memory.
  c) Updating cache and main memory simultaneously.
- d) Writing data not needed in cache to main memory when fetching new data to cache memory.