



Q.1. Give short answers of the following: (15x2=30)

1. Explain the concept of UPC (Universal Product Code)?
2. What is MICR?
3. Explain the concept of 3D-Sheets in MS Excel.
4. What is artificial Intelligence?
5. What is meant by a record in database?
6. Write the formula to calculate the average of cell B2 and B3 in MS Excel.
7. What is robot?
8. How can you use multiple Operating System on a disk?
9. Differentiate between multitasking and multiprocessing.
10. Define pirated software?
11. How computers are useful in weather forecasting?
12. Explain the concept of e-commerce.
13. Why ROM is called non-volatile memory?
14. What is the purpose of network layer?
15. Differentiate between web page and web site.

Q.2. Give brief answers of the followings. (3x10=30)

1. What are the major types of operating System? Discuss features of operating system.
2. What is Key in Database? Discuss types of keys in Detail with appropriate Example.
3. What is Bus-interconnection? Discuss types of buses in detail.