SHORT QUESTIONS

Q1. **What is the use of computer in Marketing?**

Ans. Marketing is the process by which goods are sold and purchased. The aim of marketing is to acquire, retain, and satisfy customers. Marketing applications help managers to develop strategies that combine the four major elements of marketing i.e. Product, Promotion, Place and Price.

Q2. **What is the use of computer in Stock Exchange?**

Ans. Computers are used in stock exchange to keep the track of sale and purchase of shares. Computers are also used to maintain the accounts of share holders. Brokers submit and receive their bids using computers. On the computers brokers match buyers with sellers. In this way, neither trading floor nor slips of paper are necessary for trading.

Q3. **What is the use of computer in Banks?**

Ans. Computers are used to maintain the records of account holders, their transactions, loan information and payments. A computerized system in a bank offers various advantages:

- It is easy for cheque processing, saving deposits, profit sharing, stock and bond management and trust accounting. The cheques are also read by MICR.
- A customer can access his/her account through an ATM.
- A credit card having a unique PIN allows the bank customer to view his current account status, deposit cash or withdraw cash amongst other operations.

Q4. **What is the use of computer in Departmental Store?**

Ans. Computers are used in departmental stores to maintain the inventory and stocks. Computers are also used to maintain the sales record. Bar codes of products are read by bar code readers and the price of a particular item is set within the store's computer and appears on the sales-clerk's point of sale terminal and on our receipt.

Q5. **What is the use of computer in Offices?**

Ans. Computers are used in offices to maintain office record. Now a day concept of paperless environment is very common and it is only possible because of computers

Q6. **What is office automation?**

Ans. Office automation refers to the movement towards automating office tasks. Advance computer technologies are used to perform various tasks in an office e.g. DMS software is used in office automation. Fax, e-mail, Voice mail etc. are used to transfer data; Groupware are used for office support systems.

Q7. **What is Document Management System (DMS)?**

DMS includes word processors and Spread sheets are used to create edit documents like letters, proposals, reports, newsletters, brochures and tables that are used for keeping record of expenses, profits and loses. Reprographic is the process of reproducing multiple copies of a document. Image processing allow document to be scanned and stored in image oriented databases.

Q8. **What is the Message Handling System?**

It enables to send messages or documents from one location to other through facsimile (fax), electronic mail (e-mail), Voice mail etc.

Q9. **What are Office Support Systems?**

It enables to coordinate and mange the activities of work group. Groupware and desktop organizers are some examples of office support systems.

Q10. **What is E-commerce?**

Electronic commerce is known as e-commerce, consists of the buying and selling of products or services over electronic systems such as the Internet and other computer networks.

Modern electronic commerce typically uses the World Wide Web. A small percentage of e-commerce is conducted entirely electronically for "virtual" items such as access to premium content on a website, but most electronic commerce eventually involves physical items and their transportation in at least some way.

Q11. **What is M-commerce?**

The amount of trade conducted electronically has grown dramatically since the wide introduction of the Internet Mobile Commerce (also known as M-Commerce) is the ability to conduct commerce, using a mobile device e.g. a mobile phone (or cell phone), a PDA, a smartphone while on the move,and other emerging mobile equipment,like dashtop mobile devices.

Q12. **What is email?**

E-mail is a store and forward method of composing, sending and receiving messages over electronic communication systems. SMTP-Simple Mail Transfer Protocol is used for email and email method is applied to intranet systems allowing users within one organization to e-mail each other. Often these workgroup collaboration organizations may use the Internet protocols for e-mail service.

Q13. **What is the use of computer shopping?**

Ans. Electronic Shopping (E-Shopping)-Many business now have website that allow internet users to buy their goods. Shopping can take place using a computer at home or from work 24 hours a day. It is called online shopping.

Q14. **What is the use of computer in Cyber Banking?**

Ans. An electronic banking is also known as cyber banking or online includes various banking activities conducted from home or business. In cyber banking we can see our accounts and transfer money form one account to another.

Q15. What is Video Conferencing?

Video conferencing is a type of conferencing in which video cameras and microphones capture sight and sound transmission over networks. It can speed up business process and procedures in the same way that the fax and the e-mail have revolutionize the way we share information. The most obvious quantifiable saving is the cost of travel and the cost of the time wasted during travel.

Q16. What is the use of computers in industry?

Computers are used to control manufacturing system in industry. Computers also help in monitoring temperature, pressure, check the quality and accuracy and measurement needed in the manufacturing process.

Q17. What are Robots?

A robot is an automatic programmable machine that moves and performs mechanical tasks. Robots can work in environment that is dangerous for humans. It can perform the same task again and again without any difference accurately.

Q18. What are CAD systems?

Ans. Computer-Aided Design (CAD) is the use of a wide range of computer-based tools that assist engineers, architects and other design professionals in their design activities. A CAD system requires high resolution monitors, input devices and output devices. The designed product can be tested against the following parameters.

- Compile and test parts and their quantity list.
- Outline production and assembly procedures.
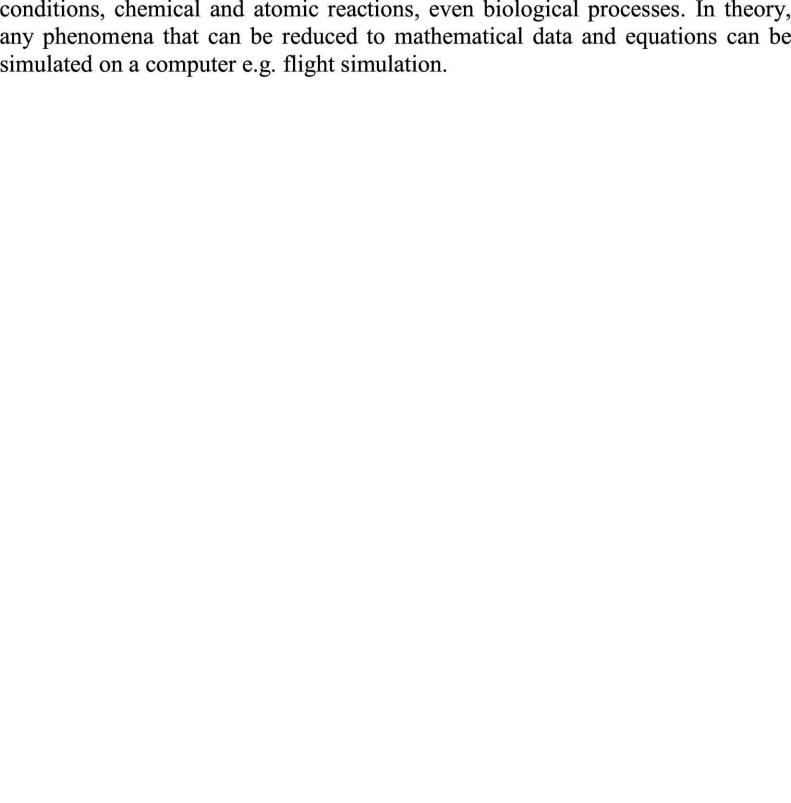- Transmit the final design directly to the machine.

Q19. What are CAM systems?

Ans. CAM stands for computer-aided manufacturing; CAM with CAD produces quicker and more efficient manufacturing processes. It is used to control all the part of a manufacturing process. CAM systems are manufactured following goods.

- Product can be made very accurately
- Production is much cheaper.
- Production is available around the clock.
- Modification in design is easy.

Q20. What are simulations?

Ans. The process of imitating a real phenomenon with a set of mathematical formulas is called simulation. Advanced computer programs can simulate weather

conditions, chemical and atomic reactions, even biological processes. In theory, any phenomena that can be reduced to mathematical data and equations can be simulated on a computer e.g. flight simulation.

Q21. **What is the use of compute in Medical?**

Ans. Computers are used in medical field to monitor patients, keep patient records and for diagnosing the disease. Computers are commonly used in laboratories, researches, monitoring and scanning. All these are helpful for doctors to diagnose an illness.

Q22. **What is Patient Monitoring?**

Computers are used in hospitals to monitor the patient criticality. Sensors are attached to the patients, which detect changes in heart rate, pulse rate, blood pressure, breathing and brain activity. If any reading is out of range then alarming device will create a sound to alert the medical staff. It is also stored and used to analyze.

Q23. **What is Patient Records?**

Computerized Database systems are used to record the patient history, doctors and medicines. If a patient is admitted in one ward of the hospital but getting treatment from another ward, his record can be updated on any terminal of the hospital system. Computerized systems are also used to help in finding the match of patients who want to transplant their organ, such as kidney, liver or heart with suitable organs from donors.

Q24. **What is Diagnosis?**

Ans. Computers are also used to scan a patient body. The body scanner helps the doctors to trace any tumor or cancer. For example CAT (computerized axiel topography) scanner when passes rays over the patient displays an image that enables physicians to look beneath the patient's skin. This scanner displays the image of bone and tissue structure on a computer screen.

Q25. **What is the use of computer in Airline System?**

Ans. In airline system computers are used to control passenger aircrafts. Electronic signals from the cockpit are sent that adjusts the flights. Computer in pilot's control linked up among different cities and given full information about its flights and seat reservation.

Q26. **What is the use of computer in Education?**

Ans. Education is a process of learning by following some rules. This learning process can be simplified and more effective with computers. There are number of methods in which educational institutions can use computer to educate the students. CAL and CBT are two uses of computers in education.

Q27. **What do you know about CAL?**

Ans. Computer Aided Learning (CAL) describes an educational environment where a computer program or an application assists the users in learning a particular

subject. Information technology may be able to aid us in reducing the time spent on creation and maintenance of teaching materials.

Q28. **What is CBT?**

Ans. Computer Based Training (CBT) can be defined as **an interactive learning experience between the learner and computer in which the computer provides the majority of the stimulus, the learner must respond and the computer analyzes the response and provides feedback to the learner**.

Q29. **What is the use of computer in Weather Forecasting?**

Ans. Weather forecasting depends on collection of data and it is collected from different areas. Very high speed computers are used in calculating weather conditions on the basis of a lot of factors like, air, humidity and temperature. When data is given to the Computer it generates a forecast of how the weather will change. This forecast can't be 100% accurate. Some businesses are very dependent of the weather that they need constantly updated information.

Q30. **What is the use of computer in Homes?**

Ans. Computers are used at home to maintain personal accounts, information, listen music, play games, watching movies and for reading / writing purpose. All these things can be done using a single computer. It is cheaper and easy solution. The use of microprocessor technology in manufacturing of electronic home appliances like microwave, air conditioning, washing machine, sewing machine etc. have completely changed our way of life.

Q31. **What is Consistency?**

Ans. People feel difficulty in repeating a task. Computer can perform a task again and again without any difference.

Q32. **What is Precision?**

Ans. To perform a task as it was directed is called precision. Computers are not only fast and consistent but hey also perform operations very accurately and precisely. For example in manufacturing an automobile the precise placement of a part may make the difference.

Q33. **What is Reliability?**

Ans. The term reliability means "repeatability" or "consistency". A measure is considered reliable if it would give us the same result over and over again. (assuming that what we are measuring isn't changing).

Q34 **What is the importance of Speed of computers in our work?**

Ans. Computer can perform millions of calculations in a second. It can perform calculation even in nano and pico second. Computer can perform complex calculation accurately. Computer can perform a task in seconds that a human can do in years. Computer can also recall information almost with in no time.