**School Level**

1. **From which company Steve Jobs took the idea for the graphical user interface with a mouse?**
   1. **Xerox**
   2. **Microsoft**
   3. **Amiga**
   4. **IBM**
2. **Which of the following is used to store large amount of data?**
   1. **Primary memory**
   2. **Auxiliary storage**
   3. **Cache memory**
   4. **Random access memory**
3. **How many users can access a shared folder simultaneously from a windows XP machine?**
   1. **20**
   2. **10**
   3. **15**
   4. **Unlimited**
4. **Which supercomputer is developed by the Indian Scientists?**
   1. **Param**
   2. **Compaq Presario**
   3. **Super 301**
   4. **CRAY YMP**
5. **Claude Shannon described the operation of electronic switching circuits with a system of mathematical logic called:**
   1. **LISP**
   2. **XLISP**
   3. **Boolean Algebra**
   4. **Neural Networking**
6. **Which of the following service provider provides the least amount of built-in security?**
   1. **Pass**
   2. **Saas**
   3. **Iaas**
   4. **Vaas**
7. **Which American computer company is called Big Blue ?**
   1. **IBM**
   2. **Compaq corp**
   3. **Microsoft**
   4. **Tandy svanson**
8. **Internet’s initial development was supported by**
   1. **Microsoft**
   2. **ARPANET**
   3. **Bill Rogers**
   4. **Bill Gates**
9. **Which among the following is a screen reading (Hindi and English) software developed to facilitate visually impaired persons to use computers?**
   1. **SAFA**
   2. **FASA**
   3. **RAFA**
   4. **SARA**
10. **Number of layers in the OSI (Open Systems Interconnection) Model**
    1. **4**
    2. **6**
    3. **7**
    4. **10**
11. **What was the original name under which “Snapchat” launched?**
    1. **Picsy**
    2. **Pica boo**
    3. **Snap-Map**
    4. **Pixchat**
12. **Which file system was used in the original release of Windows 10?**
    1. **ReFS**
    2. **FAT32**
    3. **ext4**
    4. **NTFS**
13. **\_\_\_\_\_\_ is process of extracting previously non known valid and actionable information from large data to make crucial business and strategic decisions.**
    1. **Data Management**
    2. **Data base**
    3. **Data Mining**
    4. **Meta Data**
14. **Which are the classifications of data used in Mobile Applications ?** 
    1. **Private data, User data, Shared data**
    2. **Public data, User data, Virtual data**
    3. **Private data, Public data, Shared data**
    4. **Public data, Virtual data, User data**
15. **In Win32, which function is used to create Windows Applications ?**
    1. **Win APP**
    2. **Win API**
    3. **Win Main**
    4. **Win Void**
16. **To place a sound into a word document, following feature of windows is used:**
    1. **Clip board**
    2. **Task Switching**
    3. **Win App**
    4. **OLE**
17. **Which of the following is not a lossy compression technique ?**
    1. **JPEG**
    2. **MPEG**
    3. **FFT**
    4. **Arithmetic coding**
18. **The task of correcting and pre processing data is called as**
    1. **Data streaming**
    2. **Data cleaning**
    3. **Data mining**
    4. **Data storming**
19. **Identify the incorrect statement :** 
    1. **The overall strategy drives the E-Commerce data warehousing strategy.**
    2. **Data warehousing in an E-Commerce environment should be done in a classical manner.**
    3. **E-Commerce opens up an entirely new world of web server.**
    4. **E-Commerce security threats can be grouped into three major categories.**
20. **…………. is a satellite based tracking system that enables the determination of person’s position.**
    1. **Bluetooth**
    2. **WAP**
    3. **Short Message Service**
    4. **Global Positioning System**
21. **What is the meaning of ‘Hibernate’ in Windows XP/Windows 7 ?**
    1. **Restart the computers in safe mode.**
    2. **Restart the computers in normal mode.**
    3. **Shutdown the computer terminating all the running applications.**
    4. **Shutdown the computer without closing the running applications.**
22. **Not an Anti-virus software:**
    1. **McAfee**
    2. **Norton**
    3. **AVG**
    4. **TROJAN**
23. **Which of these not a markup language?**
    1. **HTML**
    2. **XML**
    3. **SGML**
    4. **XGML**
24. **Not a parallel programming language.**
    1. **C\***
    2. **SEQUENT**
    3. **nCube C**
    4. **C++**
25. **The Third Generation mobile phones are digital and based on**
    1. **AMPSD**
    2. **AMPS**
    3. **CDMA**
    4. **Broadband CDMA**
26. **Who among the following considered as the 'father of artificial intelligence'?**
    1. **Charles Babbage**
    2. **Lee De Forest**
    3. **John McCarthy**
    4. **JP Eckert**
27. **Which of the following is also called translator?**
    1. **Data representation**
    2. **MS-DOS**
    3. **Operating System**
    4. **Language Processor**
28. **what does APK stand for?** 
    1. **Android Application Package**
    2. **Application Package**
    3. **Android Packaging Kit**
    4. **Application Packaging Kit**
29. **Which of the following is not a fundamental process state**
    1. **Ready**
    2. **Terminated**
    3. **Executing**
    4. **Blocked**
30. **Storage mapping is done by**
    1. **Linker**
    2. **Compiler**
    3. **Loader**
    4. **Operating system**

**College Level**

1. **When a computer is turned on, a special type of absolute loader is executed know as?**
   1. **Pre Boot loader**
   2. **Relating loader**
   3. **Bootstrap loader**
   4. **Compile and Go’loader**
2. **Basic Interface in ISDN refers to the transmission speed of**
   1. **64 kbps**
   2. **128 kbps**
   3. **144 kbps**
   4. **1.54 kbps**
3. **The technology used to distribute service requests to resources is referred to as:**
   1. **Load scheduling**
   2. **Load balancing**
   3. **Load performing**
   4. **Loading**
4. **Which of the following is the operational domain of CSA?**
   1. **Scalability**
   2. **Portability and interoperability**
   3. **Flexibility**
   4. **Reusability**
5. **In 1983, which person was the first to offer a definition of the term 'computer virus' ?**
   1. **Smith**
   2. **Cohen**
   3. **Norton**
   4. **Mcafee**
6. **The MD5 is a message digest algorithm developed by \_\_\_\_\_\_.**
   1. **Ron Rivest**
   2. **WhiteField Diffie.**
   3. **Martin Hellman.**
   4. **Diffie-Hellman**
7. **The unit of speed used for super computer is**
   1. **GELOPS**
   2. **MELOPS**
   3. **KELOPS**
   4. **FELOPS**
8. **What is the green mascot of Google’s operating system known as?**
   1. **Android**
   2. **Bugdroid**
   3. **Auto-mate**
   4. **Dumdroid**
9. **Which of the following uses UDP as the transport protocol**
   1. **SMTP**
   2. **Telnet**
   3. **HTTP**
   4. **DNS**
10. **Which popular mobile text and voice messaging communication service is a subsidiary of Tencent Holdings?**
    1. **Wechat**
    2. **Facebook Messanger**
    3. **Hike**
    4. **Snapchat**
11. **The maturity levels used to measure a process are**
    1. **Initial, Repeatable, Defined, Managed, Optimized**
    2. **Primary, Secondary, Defined, Managed, Optimized**
    3. **Initial, Stating, Defined, Managed, Optimized**
    4. **None of the above**
12. **The transform which possesses the “multi-resolution” property is**
    1. **Fourier transform**
    2. **Short-time-Fourier transform**
    3. **Wavelet transform**
    4. **Karhunen-Loere transform**
13. **The document standards for EDI were first developed by large business house during the 1970s and are now under the control of the following standard organisation:** 
    1. **ISO**
    2. **ANSI**
    3. **ITU-T**
    4. **IEEE**
14. **Which of the following versions of Windows O.S. contain built-in partition manager which allows us to shrink and expand pre-defined drives?**
    1. **Windows Vista**
    2. **Windows 2000**
    3. **Windows NT**
    4. **Windows 98**
15. **Which of the following computing models is not an example of distributed computing environment?**
    1. **Cloud computing**
    2. **Parallel computing**
    3. **Cluster computing**
    4. **Peer-to-peer computing**
16. **All the classes necessary for windows programming are available in the module :** 
    1. **win.txt**
    2. **win.main**
    3. **win.std**
    4. **MFC**
17. **The pure object oriented programming language with extensive metadata available and modifiable at rim time is** 
    1. **Small talk**
    2. **C++**
    3. **Java**
    4. **Eiffel**
18. **In 3G network, W-CDMA is also known as UMTS. The minimum spectrum allocation required for W-CDMA is ..........** 
    1. **2MHz**
    2. **20 KHz**
    3. **5 KHz**
    4. **5 MHz**
19. **In Data mining, classification rules are extracted from ..............** 
    1. **Data**
    2. **Information**
    3. **Decision Tree**
    4. **Database**
20. **Which of the following is not used in standard JPEG image compression?** 
    1. **Huffman coding**
    2. **Runlength encoding**
    3. **Zig-zag scan**
    4. **K-L Transform**
21. **SET, an open encryption and security specification model that is designed for protecting credit card transactions on the internet, stands for**
    1. **Secure Electronic Transaction**
    2. **Secular Enterprise for Transaction**
    3. **Security Electronic Transmission**
    4. **Secure Electronic Termination**
22. **When a mobile telephone physically moves from one to another cell, the base station transfers ownership to the cell getting strongest signal. This process is known as.................** 
    1. **Handoff**
    2. **mobile switching**
    3. **mobile routing**
    4. **cell switching**
23. **The common property of functional language and logical programming language :** 
    1. **Both are declarative**
    2. **Both are based on l-calculus**
    3. **Both are procedural**
    4. **Both are functional**
24. **Analysis of large database to retrieve information is called**
    1. **OLTP**
    2. **OLAP**
    3. **OLDP**
    4. **OLPP**
25. **The spacing between character pairs is called:** 
    1. **Kerning**
    2. **x-height**
    3. **intercap**
    4. **serif**
26. **We cannot delete the .................. icon but we can made it invisible.**
    1. **Recycle**
    2. **My Computer**
    3. **Internet explorer**
    4. **None of the above**
27. **Which of the given wireless technologies used in IoT, consumes the least amount of power?** 
    1. **Zigbee**
    2. **Bluetooth**
    3. **Wi-Fi**
    4. **GSM/CDMA**
28. **What does CNC stand for?.**
    1. **Computerized Numerical Casting**
    2. **Computerized neural Control**
    3. **Computerized Numerical Control**
    4. **Computerized Network Control**
29. **The term ‘page traffic’ describes**
    1. **Number of pages in memory at a given instant.**
    2. **Number of papers required to be brought in at a given page request.**
    3. **The movement of pages in and out of memory.**
    4. **Number of pages of executing programs loaded in memory.**
30. **Set of software authorized to a specific user is considered as**
    1. **Software library**
    2. **program library**
    3. **directory library**
    4. **library package**