1- **A computer is a machine with an intricate network of electronic circuits that operate switches or magnetize ………….. metal cores.**

1. tiny
2. signals
3. bit
4. data

2- **In which set of triple words, the second and third words are the comparative and superlative of the first one?**

1. complex – complexer, complexest
2. little – less , least
3. well – good, the best
4. bad– bader, badest

3- **In the late 1950s and early 1960s when electronic computers of the kind in use today were being developed, they were very expensive to own and ………....**

1. dash
2. dart
3. run
4. lope

4- **The blank of which following statements is completed with the word " calculating "?**

1. A computer can do many kinds of ………... quickly and accurately.
2. Calculus is a branch of mathematics for making calculations without the use of a ………...
3. A computer can calculate numbers much faster than a manual ……...
4. Some problems aren't ……... without logarithm tables.

5- **The success or failure of any computer depends on the ………....with which the hardware and software components are selected and blended.**

1. Power
2. skill
3. Price
4. Knowledge

6- **The black of which of the following sentences is completed with the prefix " deci- ".**

1. ……… byte means one million bytes.
2. …..……plexing is when many electrical signals are combined and carried on only one optical link.
3. Blocks are separated from each other by marks called …..……block gaps.
4. The number system we use in everyday life is the …..……mal system which has a base of 10.

7- **Which of the following statements is true?**

1. Computers are sometimes used to monitor systems that previously needed human supervision.
2. Desktop organizers are programs that require desktop computers.
3. The use of computers prevents people from being creative.
4. Computer users do not have much influence over the way that computing develops.

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عنـــوان درس: (زبان تخصصی،زبان تخصصی(مدیریت فناوری اطلاعات

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8- **The term "Expert system" means:**

1. Use computers to stay in touch with the office while working at home.

2. Multimedia materials with a combination of educational and entertainment content.

3. A combination of text with sound, video, animation and graphics.

4. Software that enables computers to 'think' like experts.

9- **Choose the best set of words to complete the blank of the following statement.**
"The power of ……… is being used for many purposes, such as analyzing Supreme Court decisions, discovering ……… in health care, pulling stories about competitors from newswires, resolving ………... in production processes and analyzing sequences in the human genetic makeup. "

1. data mining, patterns, bottlenecks

2. AI, prototype, obscurity

3. data warehouse, model, difficulty

4. cleansed, sample, obscurity

10- **The term "Cleansed data " means:**

1. A process of filtering through large amounts of raw data for useful information .

2. Storage method of archiving large amounts of data to make it easy to access.

3. Data free from duplicate and erroneous information.

4. A computing tool that tries to operate in a way similar to the human brain.

11- **………... is important. It's the original from which compiled programs are generated.**

1. Operating system

2. XML

3. Source code

4. GNU

12- **Which of the following words is a synonym for the word coarse?**

1. rough

2. smooth

3. fine

4. silky

13- **Which of the following statements is true?**

1. Keyboards and mice will soon not be required for using personal computers.

2. There have been no improvements in interface design since the development of the GUI.

3. Speech recognition is likely to completely replace other input devices.

4. Fewer people are using computers because computer functions are becoming integrated into other electronic devices.

کارشناسی و کارشناسی ارشد

دانشگاه پیام نور
مرکز آزمون وسنجش

حضرت علی(ع): ارزش هر کس به میزان دانایی و تخصص اوست

تعداد سوالات : تستی : ۳۰   تشریحی : ۰   زمان آزمون (دقیقه) : تستی : ۷۰   تشریحی : ۰   سری سوال : یک ۱

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14- **The term "Intelligent agent" means:**

1. Software assistant that performs tasks such as retrieving and delivering information and automating repetitive tasks.

2. Graphical user interface.

3. A project of the Massachusetts Institute of Technology's Artificial Intelligence Lab.

4. A system that allows a user to interact with a computer using a combination of inputs such as speech recognition, hand writing recognition, text to speech and etc.

15- **Which of the following statements is a correct description for website?**

1. Collection of related webPages

2. Facility for storing large amounts of information

3. Capacity of a network connection

4. High capacity Internet connection

16- **The blank of which following statements is completed with the word "connect"?**

1. A server is a powerful computer which is stored many programs ………. by all the clients in the network.

2. A client is a network computer ………. for accessing a service on a server.

3. A thin client is a simple computer………. a processor and memory, display, keyboard, mouse and hard drives only.

4. A hub is an electronic device ………. all the data cabling in a network.

17- **The Transmission Control Protocol (TCP) part of ………. comes into operation once the packet is delivered to the correct Internet address and application port.**

1. UDP   2. FTP   3. SMTP   4. TCP/IP

18- **Which of the following terms is defined by the statement "A 32-bit number identifying a node on an IP network"**

1. Internet address   2. User Datagram Protocol

3. Resolution protocol   4. Gateway

19- **………. is a message-retrieval protocol used by many PC mail clients to get messages from a server, typically your ISP's mail server.**

1. SMIP   2. SMTP   3. POP   4. gateway

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20- **The term " SMTP" means:**

1. An email transfer process in which the connection is initiated by the sending computer rather than the receiving computer.

2. A mail transfer protocol that initially only retrieves the message headers.

3. An email transfer process in which the receiving computer initiates the connection.

4. A simple mail transfer protocol that is used to send messages between servers.

21- **……….. is an application-specific derivation of SGML. It is a set of codes, generally used for web pages, that creates electronic documents according to rules established by SGML.**

1. MAC   2. XML   3. SMIP   4. HTML

22- **The term "Metadata" means:**

1. Extensible markup Language.

2. A coding system used for structuring and formatting documents.

3. An application-specific derivation of SGML.

4. Data about data.

23- **Which of the following statements is true?**

1. Two ISDN channels can be combined to give the user double the bandwidth.

2. ISDN can only operate over a special digital telephone line.

3. Computers connected to a satellite system do not need a modem.

4. DSL systems use analogue signals.

24- **In which set of two words, the second word is the synonym of the first one?**

1. Cruelty -- Compliment   2. Endure -- Give up

3. Agile -- Dumsy   4. Unravel -- Separate

25- **Everyone using a public-key system has a public key and ……….. Messages are encrypted and decrypted with these keys.**

1. a foreign key   2. an special key   3. a private key   4. a general key

26- The blank of which following statements is completed with the phrasal verb " throw away "?

1. When you ……… to a network, you have to provide an ID.

2. How do you ……… hacking into a system?

3. Hackers may ……… pretending to be from your company and ask for your password.

4. Never ……… your credit card receipts where someone can find them.

27- Choose correct answer to complete the blank of following statement.
Polymorphism means that instructions are treated differently by different ………. The combination of these ……… features of OOP means that program code is reusable. This speeds up ……… and ……… of programs.

1. objects, three, development, maintenance

2. modules, four, development, maintenance

3. classes, two, maintenance, development

4. programs, three, maintenance, development

28- Which of the following statements is a correct description for Menu?

1. A rectangle with equal sides

2. A reusable collection of objects.

3. A list of choices

4. A module containing data and program instructions.

29- If you decide a ……… course will help you out, don't let the title of a course alone convince you that it will be suitable or cost effective.

1. lab
2. practical
3. training
4. theory

30- The term "Smart phone " means:

1. A computer program that watches, (earns and communicates with the user

2. Most powerful type of computer

3. A telephone that can translate English into various languages in real-time

4. Transfer data from a client device to a server computer