کارشناسی و کارشناسی ارشد

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

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

رشته تحصیلی/کد درس: مهندسی کامپیوتر(نرم افزار) ۱۱۱۵۰۷۴ – ،مهندسی فناوری اطلاعات،مهندسی فناوری اطلاعات (چندبخشی)،مهندسی کامپیوتر-نرم افزار(چندبخشی)،علوم کامپیوتر(چندبخشی)،مهندسی کامپیوتر(سخت افزار)چندبخشی ۱۲۲۵۰۰۸ – ،مدیریت فناوری اطلاعات(کسب وکار الکترونیک)،مدیریت فناوری اطلاعات(مدیریت منابع اطلاعاتی)،مدیریت فناوری اطلاعات(سیستمهای اطلاعاتی پیشرفته)،مدیریت فناوری اطلاعات(مدیریت دانش)،مدیریت فناوری اطلاعات۱۵۱۱۰۱۵

1- **The basic idea of a computer is that we can make the machine do what we want by inputting ………….. that turn certain switches on and turn others off, or that magnetize or do not magnetize the cores.**

1. numbers
2. signals
3. characters
4. data

2- **In which set of triple words, the second and third words are not the comparative and superlative of the first one?**

1. good – better , best
2. far – further , furthest
3. far – farther, farthest
4. awful– awfuler, awfulest

3- **Computers have often been thought of as extremely large …………. machines, but this is a very narrow view of their function.**

1. alike
2. the same
3. are similar
4. adding

4- **Which of the following words is the synonym for the word tremendous?**

1. fantastic
2. dreadful
3. awful
4. terrible

5- **The blank of which following statements is complete with the word " coordinating "?**

1. The control unit of a processor …………. the flow of information between the arithmetic unit and the memory.
2. ………... the many activities in a computer department is the job of the department head.
3. The …………. of a language institute has assistants to help him and may have access to a computer to help him with the …………… of the many programs, timetables, space and student results.
4. The manager of a language may have access to a computer to help him with the …………. of the many programs, timetables, space and student results.

6- **CRT terminals are very useful ………... active devices for use in airline reservations.**

1. multi
2. mini
3. inter
4. prim

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7- **Which of the following statements is <u>false</u>?**

1. Desktop organizers are programs that require desktop computers.

2. Computers are sometimes used to monitor systems that previously needed human supervision.

3. Networking is a way of allowing otherwise incompatible systems to communicate and share resources.

4. Computer users have much influence over the way that computing develops.

8- **The term "Edutainment" means:**

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

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

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

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

9- **The power of data mining is being used for many purposes, such as analyzing Supreme Court decisions, discovering patterns in health care, pulling stories about competitors from newswires, resolving ………….. in production processes and analyzing sequences in the human genetic makeup.**

1. difficulties   2. worries   3. bottlenecks   4. log jam

10- **The term " Data warehouse " 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- **An operating system ………….. on its own isn't a lot of use; but Linux was purposefully designed as a near-clone of Unix and there is a lot of software out there that is free and was designed to compile on Linux.**

1. kernel   2. heart   3. root   4. core

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

1. partly

2. partially

3. absolutely

4. moderately

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

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

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

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

4. Computer speech and vision will free the user from having to sit in front of a keyboard and screen.

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

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

2. 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.

3. Graphical user interface.

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

15- **Which of the following statements is a correct description for underlined office suite?**

1. Set of standard programs used in an office

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 " handling"?**

1. A gateway is an interface ………. dissimilar networks to communicate.

2. A bridge is a hardware and software combination………. to connect the same type of networks.

3. A backbone is a network transmission path………. major data traffic.

4. A router is a special computer ………. messages when several networks are linked.

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17- You can think of the ………. software as creating a data address in the TCP/IP message that states exactly what application the data block is supposed to contact at the address the IP software has described.

1. UDP
2. FTP
3. SMTP
4. DDB

18- Which of the following terms is defined by the statement "A device for connecting dissimilar networks."

1. Gateway
2. Transmission Control Protocol
3. Resolution Protocol
4. User Datagram Protocol

19- Since POP3 downloads all the messages in your mailbox, there's an option to leave messages on the ………., so that they can be picked up from different machines without losing any.

1. queue
2. server
3. client
4. gateway

20- Which of the following statements is <u>true</u>?

1. SMTP delivers messages more than one at a time.
2. SMIP does not allow a delivered message to be cancelled.
3. SMTP is only protocol used to send mail between servers.
4. POP protocol allows the user to download one message at a time.

21- Applications can ………. the XML document and read the information without any human intervention.

1. recover
2. improve
3. parse
4. eliminate

22- The term "HTML" 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 <u>false</u>?**

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. DSL systems require a special digital telephone line.
4. Cellular networks work in a similar way to mobile phone systems.

24- **Choose the best set of words to complete the blank of following statement.**
"DSL-based services are a very ………. option when compared to other solutions offering similar ……….., so they can be made available to the customer at ………. competitive prices."

1. reasonable, advantages, high
2. high-cost, benefits, very
3. rational, sample, low
4. low-cost, bandwidth, extremely

25- **When I want to send you ……… message, I use your public key to turn my message into gibberish.**

1. an encrypted
2. an special
3. a private
4. a public

26- **The blank of which following statements is completed with the phrasal verb " log out "?**

1. Some hackers……… systems to get commercially valuable information.
2. How do you ……… hacking into a system?
3. Never ……… your credit card receipts where someone can find them.
4. It's a constant race to ……… of the hackers.

27- **Which of the following statements is a correct description for <u>Encapsulation</u>?**

1. An OOP property that enables different objects to deal with the same instruction in different ways.
2. A reusable collection of objects.
3. An OOP property that allows data and program instructions to be bundled into an object
4. A module containing data and program instructions.

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28- **Which of the following terms is defined by the statement :" A rectangle with equal sides."**

1. Object
2. Polymorphism
3. Square
4. Encapsulation

29- **Which of the following statements is false?**

1. Resume is required for all jobs; professional, technical, administrative and managerial jobs.

2. In your resume, list your hobbies, clubs you belong to, sports you've been involved in, school activities, and things that interest you.

3. A good resume is concise and is written in one page or more but at most, five pages is enough.

4. Resume is required for all jobs; professional, technical, administrative and managerial jobs.

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

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

2. Most powerful type of computer

3. Research and development

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