کارشناسی

حضرت علی(ع): دانش راهبر نیکویی برای ایمان است

دانشگاه پیام نور
مرکز آزمون وسنجش

تعداد سوالات : تستی : ۳۰   تشریحی : ۰

عنـــوان درس: زبان تخصصی

زمان آزمون (دقیقه) : تستی : ۸۰   تشریحی : ۰

سری سوال : یک ۱

رشته تحصیلی/کد درس: مهندسی کامپیوتر(نرم افزار) ۱۱۱۵۰۷۴ – ، علوم کامپیوتر(چندبخشی)، مهندسی فناوری اطلاعات، مهندسی فناوری اطلاعات چندبخشی)، مهندسی کامپیوتر(سخت افزار)، مهندسی کامپیوتر-نرم افزار(چندبخشی)۱۲۲۵۰۰۸)

1-There are times when a computer seems to operate like a mechanical..........., but its achievements are limited by the minds of human beings.

1. machine
2. robot
3. brain
4. device

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

1. receiving – inputting
2. fundamental – basic
3. reject – accept
4. unusual – common

3-Which of the following is a noun-forming suffixes?

1. –ance
2. –ate
3. –able
4. –ly

4-Which of the following adjective-forming suffixes has the meaning of "capable of being"?

1. –ful
2. –ed
3. –able
4. –ing

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. price
3. knowledge
4. skill

6-The gap of which statement is completed using prefix inter- ?

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 main storage locations of a computer are called its ....ary storage.

7-Which of the following statements is true?

1. Desktop organizers are programs that require desktop computers.

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

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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8- The term " Telecommute" means:

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

2. Internet system designed to provide free, interactive access to vast resources for people all over the world.

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

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

9- …….., like clusters, separate the data into subsets and then analyze the subsets to divide them into further subsets and so on.

1. Neural networks
2. Cleansed data
3. Graphs
4. Decision trees

10- What tool is often used in data mining?

1. Expert System
2. Artificial Intelligence
3. Decision Support System
4. Filing Systems

11- As more and more people got to know about Linux, some of them began to port the Linux ………..to run on non-standard computers.

1. Software
2. System
3. Kernel
4. Program

12- The term " Source code" means:

1. The original systems program from which compiled programs are generated

2. A complete operating system kit with the utilities and applications you need to make it do useful

3. A standard distributed windowing system on which people implement graphical interfaces

4. A complete compiler kit with the utilities and applications you need to compile a program

13- Which of the following words is a synonym for the word rigid?

1. stiff
2. silky
3. smooth
4. soft

14- Which of the following statements is true?

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

2. Intelligent agents will make computers seem more like humans.

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

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

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15-**The term "GUI" 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 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.

16-**However, there are some potential pitfalls. To use applications remotely requires a lot of bandwidth, which is only really available from a broadband connection or a leased line to the ………... itself.**

1. MP3   2. WAV   3. SAP   4. ASP

17-**The term "Bandwidth" means:**

1. Facility for storing large amounts of information

2. Data free from duplicate and erroneous information

3. High capacity Internet connection

4. Capacity of a network connection

18-**Although data-delivery systems like Ethernet or X.25 bring their packets to any machine electrically attached to the cable, the …….. modules must know each other's Internet addresses if they are to communicate.**

1. UDP   2. TCP   3. IP   4. FTP
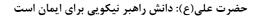
19-**Which of the following statements is true?**

1. Internet addresses can not be written as a series of numbers.

2. UDP recovers packets that aren't successfully delivered.

3. TCP only works with packet switched networks.

4. Internet addresses are an integral part of the IP protocol.

20-**"..........." operation, meaning that the connection is initiated by the sending server rather than the receiver.**

1. Pull   2. Transfer   3. Deliver   4. Push

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21- ……….. is the only protocol for transferring messages between servers. How they're then stored varies from system to system.

1. POP
2. XML
3. SMTP
4. IMAP

22- What type of language is used to structure and format elements of a document?

1. Markup language
2. Low-level language
3. High-level language
4. Natural language

23- Which of the following words is an adjective?

1. conservatism
2. preconceive
3. robust
4. feasibility

24- ……….-based services are a very low-cost option when compared to other solutions offering similar bandwidth, so they can be made available to the customer at extremely competitive prices.

1. ISDN
2. TA
3. DSL
4. ADSL

25- Which of the following statements is true?

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

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

3. DSL systems use analogue signals.

4. You need a separate line to hold normal phone conversations on an ADSL system.

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

1. secure
2. encrypt
3. private key
4. public-key

27- What is the opposite of 'encrypt'?

1. encryptless
2. Non-encrypt
3. decrypt
4. Not-encrypt

28- What advantages of using object-oriented programming?

1. to handle scientific applications
2. to handle multimedia applications
3. to write a program at machine level
4. to write a program at low level

29- Which of the following words is a synonym for the word "account"?

1. story
2. magnify
3. narrative
4. hue

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

1. Practice exams allow you to become familiar with the structure of the exams.

2. You can decide on the suitability of a course by its title.

3. It is your responsibility to make sure that your certification is kept up to date.

4. Gaining a certificate is likely to make you more attractive to other employers.