تعداد سوالات : تستی : ۳۰ تشریحی : ۰   زمان آزمون (دقیقه) : تستی : ۶۰ تشریحی : ۰   سری سوال : یک ۱

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

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1- A computer can solve a series of problems and make hundreds, even thousands, of .... without becoming tired or bored.

1. operators　　　　2. jobs　　　　3. tasks　　　　4. logical decisions

2- Which of the following statements is false?

1. All computers accept and process information in the form of instructions and characters.

2. The information necessary for solving problems is found in the memory of the computer.

3. There are many different devices used for feeding, information into a computer.

4. Computers can make any type of decision they are asked to.

3- All computers have several characteristics in common, regardless of make or design. Information, in the form of .... and data, is given to the machine, after which the machine acts on it and a result is then returned.

1. records　　　　2. characters　　　　3. facts　　　　4. instructions

4- Which words are synonyms?

i. take away –remove
ii. called – termed
iii. large – tiny
iv. idea – concept

1. i, ii, iii　　　　2. i, iii　　　　3. ii, iii　　　　4. i, ii, iv

5- Which of the following sentences can be completed with the word " calculate ".

1. A computer can do many kinds of ……… quickly and accurately.

2. Calculus is a branch of mathematics for making……… without the use of a calculating machine.

3. A computer can ……… numbers much faster than a manual calculator.

4. Some problems aren't ……… without logarithm tables.

6- Which of the following sentences can be completed with the word " divisible "?

1. It is often difficult for computer science students to ……………their time up proportionally between studying and programming.

2. Are all numbers ……….…….by three?

3. There is always a ………….. of labor within a computer company.

4. The manager of a language may have access to a computer to help him with the ……….. of the many programs, timetables, and space and student results.

7- **Which of the following sentences can be 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. CRT terminals are very useful ………..active devices for use in airline reservations.

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

1. Desktop organizers are programs that require desktop computer.

2. The use of computers prevents people from being creative.

3. Computer users do not have much influence over the way that computing develops.

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

9- **The term " Information superhighway" 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. Internet system designed to provide free, interactive access to vast resources for people all over the world.

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

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

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

2. Data free from duplicate and erroneous information

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

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

11- **It is ………….. to follow the directions for the experiment exactly as the instructor indicates.**

1. criticism   2. criticize   3. critic   4. critical

12- **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. user   3. source   4. program

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13- **The term " Open Source" means:**

1. A type of software development where any programmer can develop or fix bugs in the software

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

3. The core of an operat system that handles memory allocation, talksto hardware devic and make sure everyth keep running

4. The core of an operating system that handles memory allocation, talks to hardware devices and makes sure everything keeps running

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

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. Intelligent agents will make computers seem more like humans.

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

15- **The term "the Intelligent Room" 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.

16- **A hub is an electronic device ……….. all the data cabling in a network.**

1. connected   2. to connect   3. connecting   4. connects

17- **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

18- **…….. is a device for connecting dissimilar networks.**

1. Access   2. Entry   3. Switch board   4. Gateway

19- **IMAP is similar in operation to ………….. , but allows you more choice over what messages you download. Initially, only message headers are retrieved, giving information about the sender and subject.**

1. SMTP   2. HTMP   3. POP   4. ISP

20- Which statement indicates a correct matching of the terms in Table A with the statements in Table B?

Table A

1) SMTP
2) 'Push' operation
3) POP
4) 'Pull' operation IMAP
5) IMAP

Table B

i. An email transfer process in which the connection is initiated by the sending computer rather than the receiving computer.
ii. A mail transfer protocol that initially only retrieves the message headers.
iii. An email transfer process in which the receiving computer initiates the connection.
iv. A simple mail transfer protocol that is used to send messages between servers.
v. A message protocol that downloads all email messages at the same time.

1. {(1 = iv) , (2 = i), (3 = iii), (4 = v), (5 = ii)}

2. {(1 = iv) , (2 = v), (3 = i), (4 = ii), (5 = iii)}

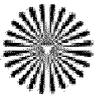3. {(1 = iii) , (2 = v), (3 = i), (4 = ii), (5 = iv)}

4. {(1 = ii) , (2 = i), (3 = v), (4 = iii), (5 = iv)}

21- The term "XML" 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.

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.

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

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

2. DSL systems use analogue signals.

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

4. Cellular networks work in a similar way to mobile phone systems.

24- **Which words are synonyms?**

1. Cruelty -- Compliment

2. Endure -- Give up

3. Agile -- Dumsy

4. Unravel -- Separate

25- **Which of the following sentences can be completed with the phrasal verb " break into "?**

1. Some hackers……….. systems to get commercially valuable information.

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

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

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

26- **Which of the following terms is a key for the function "to encrypt a message for sending" ?**

1. sender's private key

2. trusted issuer's private key

3. the recipient's private key

4. the recipient's public key

27- **The term " Upload" means:**

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

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

3. Most powerful type of computer

4. Research and development

28- **The Shift key allows you ………...in upper case.**

1. typing
2. type
3. will type
4. to type

29- **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.

30- **The term " Rocket science " means:**

1. Very advanced study

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

3. Most powerful type of computer

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