

تعداد سؤالات: ۲۵ تکمیلی ۲ تشریحی ۲

رشته: مهندسی کامپیوتر - مهندسی فناوری اطلاعات - (طرح تجميع بخش فناوری اطلاعات) زمان امتحان: ۵۰ دقیقه تشریحی ۵۰ دقیقه

کد درس: مهندسی کامپیوتر ۲۶۱۲۰۳ - مهندسی فناوری اطلاعات ۲۶۲۰۵۳ - (طرح تجميع بخش فناوری اطلاعات ۲۶۲۰۵۳) تعداد کل صفحات: ۶

- 1- Some of the most common methods of inputting information are to use punched cards, magnetic tape, disks and
- a- printer b- terminal c- TV d- XML
- 2- Computers have often been thought of as extremely large adding machines, but this is a very view of their function.
- a- condense b- enlarge c- narrow d- spacious
- 3- Which of the following statements is true?
- a- A computer can store or handle any data even if it hasn't received information to do so.
- b- Not all computers can process data given to them and produce results.
- c- Memory devices are used for storing information.
- d- Computers can make any type of decision they are asked to
- 4- Which one is not the synonym of others?
- a- react b- disregard c- pay no heed to d- take no notice of
- 5- The words 'arithmetic-logic' and 'arithmetic-logical' can be used
- a- interchange b- interchangeable c- interchangeably d- interchanged
- 6- Which of the following adjective-formatting suffixes is defined incorrectly?
- a- -less means without b- -ful means characterized by
- c- -ive means quality of d- -ous means having
- 7- The phrase "edutainment" means:
- a. Software that enables computers to 'think' like experts.
- b. Use computers to stay in touch with the office while working at home.
- c. Multimedia materials with a combination of educational and entertainment content.
- d. A combination of text with sound, video, animation and graphics.
- 8- Decision trees, like, Separate the data into subjects and then analyze the subjects to divide them into further subjects and do on.
- a- graphs b- clusters c- trees d- tables
- 9- Which one is not the synonym of others?
- a- diverse b- similar c- distinct d- separate

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10- The phrase "source code" means:

- a- The original systems program from which compiled programs are generated.
- b- The core of an operating system that handles memory allocation, talks to hardware devices and makes sure every thing keeps running.
- c- A complete operating system kit with the utilities and applications you need to make it to do useful things.
- d- An organization of volunteer dedicated to making good software that anyone could use without paying.

11- Linux is base on

- a- Mimix
- b- GNU
- c- KDE
- d- Unix

12- The most important program in the operating system, the program that manages the operating system, is the

- a- application software
- b- Kernel
- c- supervisor program
- d- graphical user interface

13- The phrase "multimodal interface" means:

- a- Software assistant that performs tasks such as retrieving and delivering information and automating repetitive tasks.
- b- Text repetitive tasks to speech.
- c- Graphical user interface.
- d- A system that allows a user to interact with a computer using a combination of inputs .

14- Which of the following statements is false?

- a- Software from an ASP must be installed locally on abuser's computer.
- b- You need a high bandwidth connection to use an ASP service.
- c- ASP usually uses their own storage space for customers.
- d- Using an ASP gives you more flexibility.

15- A hub is an electronic device all the data cabling in a network.

- a- which uses
- b- which stores
- c- which connects
- d- which directs

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16- Which of the following terms is defined by the statement "Stored information used to route data through a gateway"

- a- Internet address
- b- Look-up table
- c- Resolution protocol
- d- Internet adders

17- Which of the following statements is false?

- a- SMTP is used to transfer messages between one mail server and another.
- b- SMTP uses 'push' operation, meaning that the connection is initiated by the sending server rather than the receiver.
- c- In host-based mail systems, such as Unix and Web mail, SMTP is the only protocol the server uses.
- d- SMTP is one of the three protocols which are used to transfer messages between servers.

18- which one is the antonym of others:

- a- miraculously
- b- unremarkably
- c- astoundingly
- d- extraordinarily

19- The phrase "HTML" means:

- a- A language from which you can create other languages.
- b- Data about data.
- c- An example of a page presentation Language
- d- Extensible markup language

20- Which of the following statements is true?

- a- ISDN can only operate over a special digital telephone line.
- b- Two ISDN channels can be combined to give the user double the bandwidth.
- c- Computers connected to a satellite system do not need a modem.
- d- DSL systems use analogue signals.

21- Which one is different form others?

- a- require
- b- involve
- c- demand
- d- bore

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22- A message-digest function is used to:

- a. authenticate a user
- b- create a MAC
- c. encrypt a message
- d- send a message

23- Many industry observers feel that the encapsulation features of is the natural tool for complex applications in which speech and moving images are integrated with text and graphics.

- a- OUP
- b- OOP
- c- MCP
- d- MCSE

24- Which of the following statements is false?

- a- Practice exams allow you to become familiar with the structure of the exams.
- b- You can decide on the suitability of a course by its title.
- c- It is your responsibility to make sure that your certification is kept up to date.
- d- Gaining a certificate is likely to make you more attractive to other employers.

25- The term "Smart phone" mean:

- a- A computer program that watches, (earns and communicates with the user).
- b- Most powerful type of computer.
- c- British Telecom.
- d- A telephone that can translate English into various languages in real-time.

سؤالات تشریحی

1. Match the items in Table A with the statements in Table B. (1.5 mark)

Table A

- a. Gibberish
- b. Impostor
- c. Decipher
- a. MAC
- d. Tenets
- e. Tamper

Table B

- i. Message-authentication code
- ii. Principal features
- iii. Meaningless data
- iv. Person pretending to be someone else
- v. Make unauthorized changes
- vi. Convert to meaningful data

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2. Complete the following text using given words: (2.0 mark)

Encapsulation, and polymorphism are key features of programming. Encapsulation allows data and program instructions to be bundled together in called objects. Inheritance means that specific of a class of objects the properties of the class of objects. 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.

development

objects

three

maintenance

define

inheritance

OOP

module

3- Complete the gap in each sentence with the correct form of the verb in brackets. (1.5 mark)

1. The Help facility enables users..... (get) advice on most problems.
2. Adding more memory lets your computer (work) faster.
3. Windows allows you (display) two different folders at the same time.
4. The Shift key allows you (type) in upper case.
5. The Mouse Keys feature enables you (use) the numeric keypad to move the mouse pointer.
6. ALT + TAB allow you (switch) between programs.
7. The Sticky Keys feature helps disabled people (operate) two keys simultaneously.
8. ALT + PRINT SCREEN let you (copy) an image of an active window to the Clipboard.

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4- Translate the following paragraph into Farsi. (2.0 mark)

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 bottlenecks in production processes and analyzing sequences in the human genetic makeup. There really is no limit to the type of business or area of study where data mining can be beneficial.