

سری سوال: یک ۱

زمان آزمون (دقیقه): تستی: ۰ تشریحی: ۱۰۰

تعداد سوالات: تستی: ۰ تشریحی: ۱۰

عنوان درس: زبان تخصصی

رشته تحصیلی/کد درس: مدیریت فناوری اطلاعات (کسب و کار الکترونیک)، مدیریت فناوری اطلاعات (مدیریت منابع اطلاعاتی)، مدیریت فناوری اطلاعات (سیستمهای اطلاعاتی پیشرفته)، مدیریت فناوری اطلاعات (مدیریت دانش) ۱۲۱۸۳۷۹

1- Mark the following statements as True or False:

نمره ۱.۴۰

1. All information to be processed must be prepared in such a way that the computer will understand it.
2. Because of the complex electronic circuitry of a computer, data can be either stored or moved about at high speeds.
3. Not all computers can process data given to them and produce results.
4. The basic concepts of data processing are restricted to computers alone.
5. The processor is the central component of a computer system.
6. All other devices used in a computer system are attached to the CPU.
7. Memory devices are used for storing information.
8. Computers are very much restricted in what they can do.
9. Computers today cost less, are smaller and need fewer people to operate them than in the past.

2- Match the terms in Table A with the statements in Table B:

نمره ۱.۴۰

Table A

- a. Edutainment
- b. Multimedia
- c. Expert system
- d. Telecommute
- e. Information superhighway

Table B

- i. Software that enables computers to 'think' like experts
- ii. Use computers to stay in touch with the office while working at home
- iii. Internet system designed to provide free, interactive access to vast resources for people all over the world
- iv. Multimedia materials with a combination of educational and entertainment content

3- Find appropriate answers to the following questions.

نمره ۱.۴۰

1. What tool is often used in data mining?
2. What term is used for the patterns found by neural networks?
3. When are clusters used in data mining?
4. What types of data storage can be used in data mining?

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4- Complete the following text using given words:

نمره ۱.۴۰

Large amounts of data stored in dataare often used for data storage. The data is firstto removeinformation and errors. Theis then analyzed using a tool such as.....An analysis report is then analyzed by an.....who decides if theneed to be refined, other datatools need to be used, or if the results need to be discarded because they are The analyst passes the final results to the makers who decide on the action.

decision	appropriate
analysis	unusable
software	data
mined	analyst
erroneous	storage

5- Match the terms in Table A with the statements in Table B:

نمره ۱.۴۰

Table A

- GUI
- Multimodal interface
- Intelligent agent
- ITS
- The Intelligent Room

Table B

- Software assistant that performs tasks such as retrieving and delivering information and automating repetitive tasks
- Text to speech
- Graphical user interface
- A project of the Massachusetts Institute of Technology's Artificial Intelligence Lab
- 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.

6- Mark the following statements as True or False:

نمره ۱.۴۰

- Software from an ASP must be installed locally on a user's computer.
- You need a high bandwidth connection to use an ASP service.
- ASPs usually use their own storage space for customers.
- Using an ASP gives you more flexibility.
- An e-commerce business usually provides all of the required technology itself.

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7- Translate the following paragraph into Farsi.

نمره ۱.۴۰

Providing applications and storage space for vast numbers of users requires some powerful technology on the part of the ASP, This includes security controls and data storage as well as providing the physical links to customers. For the most part, ASPs don't own the data centers that store the information. Instead, they lease space from data storage specialists. In this way, they can be confident of meeting customers' increasing

8- Mark the following statements as True or False:

نمره ۱.۴۰

- Internet addresses are an integral part of the IP protocol.
- Internet addresses can be written as a series of numbers.
- UDP software provides the final routing for data within the receiving system.
- UDP recovers packets that aren't successfully delivered.
- TCP only works with packet switched networks.

9- Complete the gap in each sentence with the appropriate phrasal verb in the correct form.

نمره ۱.۴۰

- Hackers try to (track) passwords so they can penetrate a system.
- Don't (set) your password to anyone who asks for it.
- The police (track) Ralphby talking to his friends and acquaintances.
- Some hackers..... (log) systems to get commercially valuable information.
- When you (phone) to a network, you have to provide an ID.
- How do you (find) hacking into a system?
- Hackers may (break) pretending to be from your company and ask for your password.
- Never (throw) your credit card receipts where someone can find them.

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10- Complete the following text using given words:

نمره ۱.۴۰

Encapsulation,and polymorphism are key features ofprogramming.
Encapsulation allows data and program instructions to be bundled together in
called objects. Inheritance means that specific of a class of objectsthe properties
of the class of objects. Polymorphism means that instructions are treated differently by
different The combination of thesefeatures of OOP means that program
code is reusable. This speeds upandof programs.

three	OOP
modules	objects
development	define
inheritance	maintenance