

سری سوال : یک ۱

زمان آزمون (دقیقه): تستی : ۹۰ تشریحی :

تعداد سوالات : تستی : ۳۰ تشریحی :

عنوان درس : زبان تخصصی، زبان تخصصی شیمی

رشته تحصیلی/گد درس : (شیمی کاربردی)، شیمی گرایش محض ۱۱۱۴۰۲۸ -، شیمی (شیمی آلی)، شیمی (شیمی تجزیه)، شیمی (شیمی فیزیک شیمی (شیمی معدنی) ۱۲۱۲۱۸۰)

استفاده از ماشین حساب ساده مجاز است

1-What is the meaning of " Denote"??

1. indicate                      2. compact                      3. discover                      4. investigate

2-The magnitude of the velocity of an object is called its .....

1. motion                      2. energy                      3. force                      4. speed

3-We now know that there are actually more than one hundred elements which in various combinations ..... all matters on the Earth.

1. similar to                      2. make up                      3. develop                      4. illustrate

4-For each electron outside the nucleus, there must be a ..... positively charged particle inside the nucleus.

1. cosidered                      2. matching                      3. moving                      4. surrounding

5-Which one is the synonym of " Conduct "?

1. vertical division                      2. direct the performance  
3. able to be deformed                      4. absolutely necessary

6-In this chamber, the atoms of the gas or vapor are ..... to a beam of rapidly moving electrons.

1. exposed                      2. determined                      3. left                      4. applied

7-Neutrons and protons are very ----- particles apart from their charge.

1. similar                      2. different                      3. odd                      4. positive

8-Radon is a dangerously radioactive gas and ..... the other noble gases.

1. appearance                      2. distinction                      3. compressive                      4. resemble

9-Which case means " a force under the influence of which objects tend to move away from each other "?

1. standstill                      2. motivate                      3. repulsion                      4. infinitesimal

10-A mixture of gases that do not react with one another, behaves like a single ..... gas.

1. law                      2. noble                      3. amount                      4. pure

11-The molecules of sugar are ..... and mixed so thoroughly and uniformly with water that no separate regions or particles can be seen.

1. distinguished                      2. dispersed                      3. extracted                      4. emphasized

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12-As the pressure is raised, all gases ..... from the compression factor of an ideal gas.

1. corrode                      2. continous                      3. approach                      4. deviate

13-No one has ever observed any ..... to the law of conservation of energy.

1. exception                      2. separation                      3. potential                      4. indication

14-Chalk hills and limestone buildings do not ..... in natural rainwater.

1. specified                      2. take place                      3. make up                      4. wash away

15-Which case is used to transfer liquids accurately?

1. decanting                      2. pipets and burettes  
3. distillation                      4. evaporate

16-The ..... is not a direct product of the reaction between iron and oxygen but arises through a complex electrochemical process.

1. brass                      2. plumbing                      3. rust                      4. adherent

17-It is sensible to regard the reaction of magnesium with chlorine as an "oxidation" even though no oxygen is .....

1. evaporated                      2. oxidized                      3. involved                      4. pattern

18-A ..... is a reactant that seeks out centers of positive charge in a molecule.

1. substitution                      2. hydrolysis                      3. nucleophile                      4. function

19-What is the meaning of " Adapt "?

1. continuing in existance                      2. make suitable for a new use  
3. gather together a number                      4. alert and active

20-Which one means " the the action or process of disconnecting or separating "?

1. dominate                      2. associate                      3. deplete                      4. dissociation

21-Temperature is an ..... property, because we could take a sample of any size from a uniform bath of water and measure the same temperature.

1. extensive                      2. intense                      3. intensive                      4. extended

22-A malleable substance is one that can be .....

1. hammered into thin sheets                      2. drawn out into wires  
3. very vigorous                      4. combined with very few elements



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23-Which case means 'protect from harm or destruction'?

1. precise                      2. conserve                      3. current                      4. delve

24-Scientists develop ..... , possible explanation of the laws or the observations in terms of more fundamental concepts.

1. theory                      2. samples                      3. experiments                      4. hypothesis

25-When a pattern is observed in the data, it can be stated as a ..... law, a succinct statement of a wide range of observations.

1. science                      2. scientific                      3. scientist                      4. nobel

26-You will be able to look at an everyday object, see in your mind's eye its ..... in terms of atoms and understand its properties.

1. composition                      2. compose                      3. composed                      4. compensation

27-Scientists often look for ways of plotting experimental data in a manner that gives ..... lines, because such graphs are easier to analyze and interpret.

1. curved                      2. circular                      3. principle                      4. straight

28-A medicine is a mixture of various ..... that has been formulated to achieve an overall biological effect.

1. globules                      2. similarities                      3. ingredients                      4. intact

29-A gas is a ----- form of matter that fills any ----- containing it.

1. fluid - vessel                      2. property - rigid  
3. measure - characteristic                      4. vapor - rise

30-What is the meaning of " Abbreviate"?

1. equipment                      2. definite                      3. shorten                      4. hardening