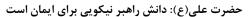
کارشناسی





تعداد سوالات: تستى: 30 تشريحى: . سرى سوال: يك ١ زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: ۰ عنـــوان درس: زبان تخصصي شيمي رشته تحصیلی / کد درس: شیمی (کاربردی)، شیمی گرایش محض ۱۱۱۴۰۲۸ 1-What is an established way of doing something? 1. Procedure 2. Quality 3. Resistance 4. Sample 2-Once a hypothesis has been formulated, scientists design further, to verify it. 2. models 3. theories 4. experiments 1. patterns 3-Macroscopic level deals with the properties of objects. 2. small, invisible 3. large, visible 4. large, invisible 1. small, visible 4-Chemistry communications and transportation. 2. deals 3. branch 4. science **1.** transforms 5-Which one means very thorough or vigorous? 1. Precise 2. Fluid 3. Identity 4. Intensive 6-The ability of a substance to change into another substance, refers to 1. kinetic energy 2. potential energy 3. chemical property 4. physical property 7-Energy measurements are reported in the unit called 2. amper 3. joule 1. ounce 4. mile 8-Energy is when snow melts. 2. released 3. accompanied 4. extended 1. absorbed 9-Which one is a tool or implement, especially for precise work. 2. Laborious 3. Feature 4. Instrument 1. Revise 10-A (an) is a substance composed of only one kind of atom. 2. subatomic particle 3. compound 4. cathode 1. element

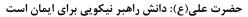
کارشناسی





تعداد سوالات: تستى: ٣٠ تشريحي: ٠ سرى سوال: يك ١ زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: ۰ **رشته تحصیلی/کد درس:** شیمی (کاربردی)، شیمی گرایش محض۱۱۱۴۰۲۸ 11-The positive charge of the nucleus the negative charge of the surrounding electrons. **1.** postpones 2. cancels 3. affect 4. delays 12-What is called the atoms with the same number of protons but different numbers of neutrons. 2. dimers 3. isomers 4. isotopes 1. nucleons 13-It means able to be drawn out into a thin wire. 2. Ductile 3. Malleable 4. Lustre 1. Essential 14-The arrangement of elements that shows their family relationship is called 2. periodic table 3. mass spectrum 4. magnetic field **1.** derivatives 15-Strontium is a (an) 1. alkali metal 2. transition metal 3. alkaline earth metal 4. noble gas 16-The positive ions are out of the chamber by a strong electric field applied between two metal grids. 3. measured 4. arranged **1.** accelerated 2. charged 17-It is a general term for a plot showing the variation of a property at constant temperature. 2. Repulsion 4. Isotherm 1. Inspect 3. Temporary 18-Many of physical properties of gases are very particularly at 1. different, low density 2. different, low pressures 3. similar, low pressures 4. similar, high temperatures

کارشناسی





تعداد سوالات: تستى: 30 تشريحى: . سرى سوال: يك ١ زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: ۰ **ــوان درس :** زبان تخصصی شیه رشته تحصیلی/کد درس: شیمی (کاربردی)، شیمی گرایش محض ۱۱۱۴۰۲۸ 19-One way of intermolecular forces is to measure the compression factor. 1. attraction 2. long 3. consistent 4. exploring 20-UV radiation is extremely because it is strong enough to break chemical bonds. 2. harmful 3. decompose 4. depletion 1. vital 21-It means the conversion of a vapour to a liquid. 2. Concentrate 3. Distillation 4. Extraction **1.** Condensation 22-Homogeneous mixtures are also called 2. solutes 3. solutions 4. solvents 1. syrup 23-The major component of atmosphere is 2. water 3. hydrogen 1. nitrogen 4. oxygen 24-Filtration separates the components of a mixture on the basis of differences in 2. polarity 3. particle size **1.** volatility 4. solubility 25-It is a compound in which water molecules are chemically bond to another compound. 2. Intact 1. Limestone 3. Mercury 4. Hydrated 26-The oxidizing agent in a redox reaction is the species that is 3. loses 4. decreased 1. oxidized 2. reduced 27-Acetic acid is a electrolyte in aqueous solution at normal concentration. 1. weak 2. too weak 3. medium 4. strong 28-A benzene ring is represented by a circle inside a, and we need to remember that one hydrogen atom is attached to each carbon atom. 2. halogen 3. chain 4. hexagon 1. resonance

کار شناسی



حضرت على (ع): دانش راهبر نيكويي براي ايمان است

سرى سوال: يك ١ تعداد سوالات: تستى: 30 تشريحى: . زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: ۰ رشته تحصیلی /کد درس: شیمی (کاربردی)، شیمی گرایش محض ۱۱۱۴۰۲۸ 29-A(an) hydrocarbon is an aliphatic hydrocarbon with no multiple bonds. 3. aromatic 1. unsaturated 2. saturated 4. substituted 30-Haloalkanes are alkanes in which at least one hydrogen atom has been replaced by a (an) atom. 1. unsaturated 2. metal 3. halogen 4. nonmetal