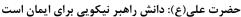
WWW.20FILE.ORG

1. atom

کار شناسی





سری سو**ال:** یک ۱ زمان آزمون (دقيقه): تستى: ١٢٠ تشريحي: ٠ تعداد سوالات: تستى: 30 تشريحى: . **رشته تحصیلی/کد درس:** فیزیک (اتمی و مولکولی)، فیزیک (حالت جامد)، فیزیک (هسته ای ۱۲۱۲۱۶۰ ر 1-Energy can be changed into different forms, but it is never created or destroyed. This is called the principle of of energy. 2. oscillation 3. discharge 4. conservation 1. quantity 2-The energy dissipated in the oceans by the tides is replenished via...... forces from the earth's kinetic energy. **1.** motional 3. coordinate 4. frictional 2. fundamental 3-There are many different between the of men and women 2. fraction **1.** ionization 3. anatomy 4. conduction 4-We mustour natural resources for future generation 1. provide 2. conserve 3. consume 4. contact 5-Gain control over sth difficult: 1. conquer 2. verify 3. apply 4. offset 6-He is not interested in...... Literature; he prefers classical poems and stories. 3. contemporary 1. approach 2. detection 4. subfield 7-Each musical instrument has its special...... which is different from that of any other 1. timbre 2. capacitate 3. membrane 4. crude 8-All mechanical...... can be written in terms of dimensions of length, time, and mass 1. quantity 2. fraction 3. quality 4. energy 9-The high force of the car caused it to turn over at the bend. **1.** complication 2. centrifugal 3. centrifuge 4. complicated 10-Nowadays computers are used to...... delicate measuring devices 1. contact 2. couple 3. change 4. calibrate Many people are against the use of...... submarines; they believe they are dangerous.

3. detector

4. detectable

2. atomic



کار شناسی





سرى سوال: يك ١ زمان آزمون (دقيقه): تستى: ١٢٠ تشريحي: ٠ تعداد سوالات: تستى: 30 تشريحى: . **رشته تحصیلی/کد درس:** فیزیک (اتمی و مولکولی)، فیزیک (حالت جامد)، فیزیک (هسته ای ۱۲۱۲۱۶۰ ر 12-Most of the scientific discovers have practical **significance** for man's life. significance means: 2. adjust 3. control 4. detection 1. value 13-His discoveries had a strong..... on the word of science. 2. Impressive 1. Impress 3. Impression 4. Impressively 14-When we break down atoms through solution in water and make this solution a conductor of electricity..... happens. 1. liberate 3. liberation 4. ionization 15-The choice of football players for the team seems to be completely...... there is no reason for this selection. 2. arbitrariness 3. arbitrary **1.** derivation 4. derivative 16-Iran is a country with great..... of human and natural resources. 2. potential 3. subjective 4. verifiable 1. reciprocal 17-The vector sum of all the forces acting on an object is equal to the product of its mass and...... **1.** acceleration 2. application 3. accelerator 4. applicable 18-The scientific study of sight and of light in relation to sight is called...... 2. Optic 4. Optical 1. Optics 3. Optically 19-Quantum mechanics is the branch of physics which studies the of atoms. 2. Behavior 1. Behave 3. alternation 4. alternate 20-Blind people cannot the environment through their eyes; they have to use other senses **1.** specify 2. perceive 3. denote 4. behave -21 He his gold medal with a piece of cloth to make it shine. ^{.4} credited .1 revealed .2 suspended .3 stroked -22 In central heating systems water is used to heat. ^{.2} revelation .3 induction .4 conduction .1 restoration -23 Students of many fields find themselves studying physics because of the basic role it plays in all phenomena. گرانش ها 3. پدیده ها 4. تكانه ها 2. شتاب ها 1.



30- When the two wires, a big fire started.

2. touched

1. calibrated

کار شناسی

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



سری سو**ال:** ۱ یک زمان آزمون (دقيقه): تستى: ١٢٠ تشريحي: ٠ تعداد سوالات: تستى: 30 تشريحى: . **رشته تحصیلی /کد درس:** فیزیک (اتمی و مولکولی)، فیزیک (حالت جامد)، فیزیک (هسته ای ۱۲۱۲۱۶۰ ر 24-The of an object is a measure of the work an object can do because of its motion. 2. capillary tube 3. pyrometer 4. thermocouple 1. kinetic energy 25-Irankhodro company Paykan and Peugeot 405. 2. liberate 3. discharge 4. substantiate 1. manufacture The typical student begins a first college physics course wondering, "Is there anything in this * for me or is this just another hurdle which I have to get over?" Although some study physics because they are interested in the laws of nature, most students in this course are here because it is26......of their * majors. However, just knowing that experts in a student's chosen field have agreed that knowledge of physics is an27.......component of the student's education does not make the course more interesting or easier. In fact, many of those experts might agree that there is no way to make the study of physics easy However, it is possible to make physics palatable, i.e., ...28......to the mind, so that the student, having conquered the....29...., will feel deep satisfaction in having made the ...30....effort. 26-To form a theory, a scientist has to deal with a great number of problems. deal with means: 2. with the purpose that 1. take action about 4. in other words 3. be consistent with 27-A car's wheels can be by removing their nuts. **1.** dominated 2. detached 4. exerted 28-A sled on ice continues its motion because the stopping force provided by the ice is too small to change the motion. 1. friction 2. frictional 3. gravitation 4. gravitational 29-A device that detects the presence of minute charges of electricity is: 4. Insulator **1.** Conductor 2. Electroscope 3. Amber

3. limited

4. made