

(CHAPTER ONE)

word	pronunciation	Part of speech	definition	meaning
Ancient	/ˈeɪn.jənt/	<i>adjective</i>	very old : having lived or existed for a very long time/having had an existence of many years	باستانی قدیمی
Society	/səˈsaɪ.ə.ti/	<i>adjective</i>	a large group of people who live together in an organized way	جامعه انجمن
Belief	/bɪˈliːf/	<i>noun</i>	the feeling of being certain that something exists or is true/ something that you believe	عقیده
Provide	/prəˈvaɪd/	<i>verb</i>	to give someone something that they need	فراهم کردن
Explanation	/ˌɛk.spləˈneɪ.ʃən/	<i>noun</i>	the details or reasons that someone gives to make something clear or easy to understand	توضیح
Response	/rɪˈspɒns/	<i>noun</i>	an answer or reaction	پاسخ
Illness	/ˈɪl.nəs/	<i>noun</i>	a disease of the body or mind/ the state of being ill	بیماری
Attributed to	/ˈæt.rɪ.bjuːt/	<i>verb</i>	to think that someone or something has a particular quality or feature	نسبت دادن
Demon	/ˈdiː.mən/	<i>noun</i>	an evil spirit/ a person who does a particular activity with great skill or energy	دیو- اهریمن
Century	/ˈsen.tʃər.i/	<i>noun</i>	a period of 100 years	قرن
Alter	/ˈɒl.tər/	<i>verb</i>	to change something, usually slightly, or to cause the characteristics of something to change	تغییر دادن
Replace	/rɪˈpleɪs/	<i>verb</i>	to take the place of something, or to put something or someone in the place of something or someone else	جایگزین کردن
Investigate	/ɪnˈves.tɪ.ɡeɪt/	<i>verb</i>	to examine a crime, problem, statement, etc. carefully, especially to discover the truth	تحقیق کردن
Tradition	/trəˈdɪʃ.ən/	<i>noun</i>	a belief, principle, or way of acting that people in a particular society or group have continued to follow for a long time	سنت- آداب و رسوم
Archaeology	/ˌɑː.kɪˈɒl.ə.dʒi/	<i>noun</i>	the study of the buildings, graves, tools, and other objects that belonged to people who lived in the past, in order to learn about their culture and society	باستان شناسی
Anthropology	/ˌæn.θrəˈpɒl.ə.dʒi/	<i>noun</i>	the study of the human race, its culture and society, and its physical development	مردم شناسی
Primitive	/ˈprɪm.ɪ.tɪv/	<i>adjective</i>	relating to human society at a very early stage of development, with people living in a simple way without machines or a writing system	ابتدایی

Tribe	/traɪb/	<i>noun</i>	a group of people, often of related families, who live together	قبیله
Individual	/ˌɪn.dɪˈvɪd.ju.əl/	<i>noun</i>	a single person or thing	منحصر به فرد شخص
Shaman	/ˈʃeɪ.mən/	<i>noun</i>	in particular religions, a person who has special powers to control and evil spirits	کسی که کار خارق العاده می کند
Heal	/hi:l/	<i>verb</i>	to make or become well again, especially after a cut or other injury	شفادادن
Prevent	/prɪˈvent/	<i>verb</i>	to stop something from happening or someone from doing something	جلوگیری کردن
Cure	/kjʊər/	<i>noun</i>	to make someone with an illness healthy again/ to solve a problem	شفا
Priest	/pri:st/	<i>noun</i>	a person, usually a man, who has been trained to perform religious duties in the Christian Church	کشیش
Magician	/məˈdʒɪʃ.ən/	<i>noun</i>	a person who has magic powers in stories, or who performs tricks for entertainment	جادوگر
Splint	/splɪnt/	<i>noun</i>	a long, flat object used as a support for a broken bone so that the bone stays in a particular position while it heals	اتل بستن
Fracture	/ˈfræk.tʃər/	<i>noun</i>	If something hard, such as a bone, fractures, or is fractured, it breaks or cracks	شکستگی
Trephination	/ˌtre-fə-ˈnā-shən/	<i>noun</i>	an act or instance of perforating the skull with a surgical instrument	مته کاری جمجمه
Instrument	/ˈɪn.strə.mənt/	<i>noun</i>	an object	ابزار
Bore	/bɔ:r/	<i>verb</i>	to make (as a cylindrical hole) by boring or digging away material	سوراخ کردن
Grind	/graɪnd/	<i>verb</i>	to make something into small pieces or a powder by pressing between hard surfaces	خرد کردن
Procedure	/prəˈsi:dʒər/	<i>noun</i>	a set of actions that is the official or accepted way of doing something	روش
Splinter	/ˈsplɪn.tər/	<i>noun</i>	a small, sharp, broken piece of wood, glass, plastic, or similar material	زوائد و تراشه
Strength	/streŋθ/	<i>noun</i>	the ability to do things that need a lot of physical or mental effort	نیرو
Generation	/ˌdʒen.əˈreɪ.ʃən/	<i>noun</i>	all the people of about the same age within a society or within a particular family	تولید نسل
Religious	/rɪˈlɪdʒ.əs/	<i>adjective</i>	having a strong belief in a god or gods	مذهبی
Monarchy	/ˈmɒn.ə.ki/	<i>noun</i>	a country that has a king or queen/ the system of having a king or queen	سلطنت
Pagan	/ˈpeɪ.gən/	<i>noun</i>	belonging to a religion that worships many gods, especially one which existed before the main world religions	غیر مسیحی کافر
Realm	/reɪlm/	<i>noun</i>	an area of interest or activity	مملکت
Occult	/əˈkʌlt/ /ˈɒk.ʌlt	<i>verb</i>	relating to magical powers and activities, such as those of witchcraft and astrology	مستتر کردن
Fundamental	/ˌfʌn.dəˈmen.təl/	<i>adjective</i>	forming the base, from which everything else develops	اساسی
Principle	/ˈprɪn.sɪ.pl/	<i>noun</i>	a basic idea or rule that explains or	قانون

			controls how something happens or works	
Dignity	/ˈdɪɡ.nɪ.ti/	noun	calm, serious, and controlled behaviour that makes people respect you	مقام
Taboo	/təˈbuː/	adjective	an action or word that is avoided for religious or social reasons	حرام‌منع
Dissect	/daɪˈsekt/ /dɪ-/	verb	to cut open something, especially a dead body or a plant, and study its structure	تشریح کردن
Distinguish	/dɪˈstɪŋ.gwɪʃ/	verb	to notice or understand the difference between two things, or to make one person or thing seem different from another	تشخیص
Symptom	/ˈsɪmp.təm/	noun	any feeling of illness or physical or mental change that is caused by a particular disease	نشانه‌علائم
Primacy	/ˈpraɪ.mə.si/	noun	the state of being the most important thing	تقدم‌برتری
Contribute	/kənˈtrɪb.juːt/ /ˈkɒn.trɪ.bjuːt/	verb	to give something, especially money, in order to provide or achieve something together with other people	کمک کردن
Significant	/sɪɡˈnɪf.ɪ.kənt/	adjective	important or noticeable/ having a special meaning	مهم
Crusade	/kruːˈseɪd/	noun	a long and determined attempt to achieve something that you believe in strongly	جنگ صلیبی
Establish	/ɪˈstæb.lɪʃ/	verb	to start a company or organization that will continue for a long time	برپاکردن‌ساختن
Inspire	/ɪnˈspaɪər/	verb	to make someone feel that they want to do something and can do it	الهام گرفتن
Alien	/ˈeɪ.li.ən/	adjective	coming from a different country, race, or group	بیگانه
Folklore	/ˈfəʊk.lɔːr/	noun	the traditional stories and culture of a group of people	آداب و رسوم
Benefit	/ˈben.ɪ.fɪt/	noun	a helpful or good effect, or something intended to help	سود
Drug	/drʌɡ/	noun	any natural or artificially made chemical that is used as a medicine	دارو
Equipment	/ɪˈkwɪp.mənt/	noun	the set of necessary tools, clothing, etc. for a particular purpose	تجهیزات
Compound	/kəmˈpaʊnd/	verb	to mix two things together	ترکیب کردن
Technique	/tekˈniːk/	noun	a way of doing an activity that needs skill	شیوه
Advent	/ˈæd.vent/ /-vənt/	noun	the fact of an event happening, an invention being made, or a person arriving	ظهور و ورود
Evolve	/ɪˈvɒlv/	verb	to develop gradually, or to cause something or someone to develop gradually	تکامل یافتن
Threat	/θret/	noun	a suggestion that something unpleasant or violent will happen, especially if a particular action or order is not followed	تهدید
Spread	/spred/	verb	to (cause to) cover, reach, or have an effect on a wider or increasing area	پخش کردن

Mutate	/mju:'teɪt/	verb	to develop new physical characteristics because of a permanent change in the genes. These changes can happen naturally or can be produced by the use of chemicals or radiation	جهش یافتن تغییر دادن
danger	/'deɪn.dʒər/	noun	the possibility of harm or death to someone	خطر
International	/'ɪn.tə'næʃ.ən.əl/	adjective	involving more than one country	بین المللی
Ancillary	/æn'sɪl.ər.i/	adjective	providing support or help	مربوط به
Supernatural	/'su:.pə'nætʃ.ər.əl/	adjective	caused by forces that cannot be explained by science	ماورا طبیعی فوق العاده
Intent	/'ɪn'tent/	noun	giving all your attention to something	قصد
Indebted	/'ɪn'det.ɪd/	adjective	grateful because of help given	مدیون
Claim	/kleɪm/	verb	to say that something is true or is a fact, although you cannot prove it and other people might not believe it	ادعا کردن
Trial	/'traɪəl/	noun	the hearing of statements and showing of objects, etc. in a law court to judge if a person is guilty of a crime or to decide a case or a legal matter	امتحان سعی
Promote	/'prə'məʊt/	verb	to encourage people to like, buy, use, do, or support something	ترقیع دادن
Reduce	/'rɪ'dju:s/	verb	to make something smaller in size, amount, degree, importance, etc	کاهش دادن
Ointment	/'ɔɪnt.mənt/	noun	a thick substance, usually containing medicine, that is put on the skin where it is sore or where there is an injury	مرهم پیماد
Oath	/əʊθ/	noun	a promise, especially that you will tell the truth in a law court	قسم
Demonstrate	/'dem.ən.streɪt/	verb	to show or make make something clear	شرح دادن
Ape	/eɪp/	noun	an animal like a large monkey with no tail, that uses its arms to move through trees	انسان اولیه
Notably	/'nəʊ.tə.bli/	adverb	especially or most importantly	به طور برجسته
Fame	/feɪm/	noun	the state of being known or recognized by many people because of your achievements, skills, etc	شهرت
Horizon	/hə'raɪ.zən/	noun	the line at the farthest place that you can see, where the sky seems to touch the land or sea	افق
Diligent	/'dɪl.ɪ.dʒənt/	adjective	careful and using a lot of effort	کوشا
Belittle	/'bɪlɪt.lɪ/	verb	to make a person or an action seem	

			as if he, she or it is not important	
Deduce	/dɪ'dju:s/	verb	to reach an answer or a decision by thinking carefully about the known facts	کم ارزش کردن
Explicit	/ɪk'splɪs.ɪt/	adjective	clear and exact	واضح
Contaminate	/kən'tæm.ɪ.neɪt/	verb	to make something less pure or make it poisonous	آلوده شدن
Extrinsic	/ek'strɪn.zɪk/	adjective	coming from outside, or not related to something	خارجی
Hollow	/'hɒl.əʊ/	noun	having a hole or empty space inside	خالی
Syrup	/'sɪr.əp/	noun	a very sweet, thick, light-coloured liquid made by dissolving sugar in water	شربت
Julep	/'dʒu:lɪp/	noun	a drink of bourbon, sugar, and mint served with crushed ice	شربت طبی
Extract	/ɪk'strækt/	verb	to remove or take out something	استخراج کردن
Peel	/pi:l/	verb	to remove the skin of fruit and vegetables	پوست انداختن
Province	/'prɒv.ɪns	verb	an area that is governed as part of a country or an HYPERLINK "http://dictionary.cambridge.org/dictionary/british/empire" \o "empire" empire	ایالت
District	/'dɪs.trɪkt/	noun	an area of a country or town that has fixed borders that are used for official purposes	ناحیه
Culmination	/'kʌl.mɪ.neɪt/	noun	If an event or series of events culminates in something, it ends with it, having developed until it reaches this point	اوج
Genuine	/'dʒen.ju.ɪn/	adjective	If something is genuine, it is real and exactly what it appears to be	خالص درست
Statement	/'steɪt.mənt/	noun	something that someone says or writes officially, or an action done to express an opinion	بیان شرح
Treatise	/'tri:tɪs/	noun	a formal piece of writing that considers and examines a particular subject	مقاله
Relapse	/rɪ'læps/	noun	to become ill or start behaving badly again, after making an improvement	برگشت
Hectic	/'hek.tɪk/	adjective	full of activity, or very busy and fast	تب لازم
Adopt	/ə'dɒpt/	verb	to accept or start to use something new	اقتباس کردن
Encyclopedic	/ɪn'saɪ.klə'pi:di:k/	adjective	containing a lot of information	جامع

(Chapter two)

word	pronunciation	Part of speech	definition	meaning
Laparoscopy	ˌlæp.əˈrɒs.kə.pi	noun	the use of a long thin tube put into a cut made in the body in order to examine inside the body or do an operation:	روشی برای معاینه داخل بدن بوسیله وارد کردن لوله
Take on	teɪk ɒn	verb	to accept a particular job or responsibility	پذیرفتن مسئولیت
precise	prɪˈsaɪs	adj	exact and accurate:	دقیق
Micro processor	/ˌmaɪ.krəʊˈprəʊ.ses.ər	noun	a part of a computer that controls its main operations	ریزپردازنده
Hazardous	hæz.ə.dəs	adjective	dangerous:	پرخطر
objective	/əbˈdʒektɪv	noun	something that you plan to do or achieve	منظور-هدف
evaluation	/ɪˌvæl.juˈeɪ.ʃən	noun	to judge or calculate the quality, importance, amount, or value of sth.	سنجش
slightly	ˈslaɪt.li	adverb	a little	کمی-اندکی
widespread	ˌwaɪdˈspred	adj	existing or happening in many places and/or among many people	شایع
ligation	lɪˈɡeɪ.ʃən	verb	the act of tying a blood vessel or other tube in the body with a piece of thread or wire:	انعقاد
hysterectomy	hɪs.tərˈek.tə.mi	noun	a medical operation to remove part or all of a woman's womb	بیرون آوردن رحم
chip	/tʃɪp	noun] a small piece that has been broken off a larger object, or the mark left on an object such as a cup, plate, etc. where a small piece has been broken off it	لب پریده شدن
illuminate	/ɪˈluː.mɪ.neɪt/	verb	to light something and make it brighter	روشن کردن
insert	ɪnˈsɜːt	verb	to put something inside something else, or to add something, especially words, to something else	الحاق کردن-داخل کردن
canula	ˈkæn-yə-lə\	noun	a small tube for insertion into a body cavity, duct, or vessel	لوله ای کوچک برای ورود به حفره شکم یا عروق
cholecystectomy	kō-lə-(.)sɪsˈtek-tə-mē\	noun	surgical excision of the gallbladder	جراحی کیسه صفرا

insufflated	in(t)-sə- 'flā-shən	noun	the introduction of a flow of gas into a body cavity <oxygen for tracheal gas insufflation> <abdominal insufflation with carbon dioxide>	دمیدن-فوت کردن
approach	ə- 'prōch	noun		نزدیک شدن
ensue	ɪn 'su	verb		از پس آمدن
refine	ri- 'fɪn	verb	the surgical procedure by which access is gained to a bodily part	خالص کردن-تصفیه کردن
popularize	'pɒp-jə-lə ,raɪz	verb	to happen after something else, esp. as a result of it	مشهور کردن
broadened	'brɔːdənd	adjective	o free (as sugar or oil) from impurities or unwanted material	منتشر کردن
In scope	skɒp	adverb	to cause something to become known, admired, or used by many people	قلمرو-حوزه
seminal	'sem-ən-əl	adjective	to become wider, or to cause something to be wider	اصلی
innovation	ɪn-ə 'veɪ-ʃən	noun	In view	ابداع
magnified	mag-nə- fɪ	adj	of, relating to, or consisting of seed or semen <seminal discharge>	درشت کردن
prior	'praɪ-ər	adjective	a new idea or method, or the use of new ideas and methods:	قبلی-مقدم
conception	kən- 'sep-shən	noun	to enlarge in appearance	حاملگی
conceptually	ən- 'sep-chə(-wə)l,	adv	coming before in time, order, or importance	ادراکی
enhanced	ɪn 'hæns	adjective	he process of becoming pregnant involving fertilization or implantation or both b: embryo, fetus ...	بالا بردن
adopted	ə 'dɒpt	adjective	of, relating to, or consisting of concepts	قبول کردن
prospective	prə- 'spek-tɪv	adjective	to improve the quality, amount, or strength of something	مربوط به آینده
beneficial	'ben.ɪ fɪʃ.əl	adjective	to take another person's child legally into your own family to raise as your own child	سودمند
stitch	\ 'stɪch	noun	relating to or being a study (as of the incidence of disease) that starts with the present condition of a population of individuals and follows them into the future	بخیه

Post-operative	pōst- 'äp-(ə-)rət-iv	adjective	helpful, useful, or good:	مفید
morbidity	mōr- 'bid-ət-ē\	noun	a local sharp and sudden pain especially in the side	فساد-ناخوشی
deemed	di:m	adjective	Related to sth after operation	خیال کردن
substituted	səb-stə- t(y)üt	adjective	diseased state or symptom <lumbar puncture, if improperly performed, may be followed by a significant morbidity.	جانشین کردن
outlined	/ 'aʊt.laɪn	adjective	to consider or judge something in a particular way	خلاصه کردن
confinement	/kən 'faɪn/	noun	a person or thing that takes the place or function of another <father and mothe	بستری-زایمان-تحدید-زندان بودن
markedly	/ 'mɑ: .kɪd.li/	adverb	the main shape or edge of something, without any details	جزء اصلی
termination	'tɜ:mə ,neɪt/	noun	to keep someone or something within limits	پایان
contraindicated	/ kɒn.trə 'ɪn.dɪ.keɪ.t ɪd	adjective	Eye-witness accounts of the fighting differ markedly from police reports of what happened.	منع استعمال
Sine qua non	 ,sɪn.eɪ.kwɑ: 'nəʊn/	noun	to end or stop, or to cause something to end or stop	توقف
uninformed	 ,ʌn.ɪn 'fɔ:md	adjective	used to say that a drug or treatment should not be used in a particular situation as it is likely to harm the patient:	بی اطلاع-بی خبر
tremendous	/trə 'men·dəs/	adjective	a necessary condition without which something is not possible	ترسناک
complaint	kəm 'pleɪnt/	noun	not having much information about something; not informed	شکایت
upset	/ ,ʌp 'set/	verb	great in amount, size, or degree; extremely large	آشفته کردن
devastating	/ 'dev-ə ,steɪ·tɪŋ/	adjective	a statement that something is wrong or not good enough, the act of complaining, or the thing you are complaining about	مخرب
accumulated	/ə 'kju: .mju.leɪt/	verb	causing great damage or suffering to something or someone	جمع شده-انباشتن
eradicated	/ɪ 'ræd-ə keɪt/	verb	to collect a large number of things over a long period of time	از بیخ کندن

meticulous	/məˈtɪk.jə.ləs	adjective	› in a very sudden or noticeable way:	خیلی دقیق-ترسو
alertness	/əˈlɜ:t-nəs/	noun	to get rid of or destroy something completely	اعلام خطر
suited	/sut/	adjective	giving or showing careful attention to every detail	درخواست
ranging	/reɪndʒ/	noun	a warning to people to be prepared to deal with something dangerous:	هشدار دادن
perforation	/pɜ:.fərˈeɪ.jən/	noun	to be convenient or work well for someone or somethin	سوراخ
minute	/'mɪn.ət/	adjective	the level to which something is limited, or the area within which something operates	گزارش-کوچک-لحظه
adjacent	/əˈdʒeɪ.sənt/	adjective	a hole in something	همسایه-مجاور-نزدیک
interest	/'ɪn.trəst	noun	very short	سود-بهره-کوتاه
limit	/'lɪm.ɪt/	noun	very near, or with nothing in between	محدود
inherent	/ɪnˈher.ənt/	adjective	a feeling of having your attention held by something, or of wanting to be involved with and learn more about something	ذاتی-اصلی
perception	/pəˈsep.jən/	noun	the greatest amount, number, or level allowed or possible	احساس-ادراک
assistant	/əˈsɪs.tənt/	noun	existing as a natural or basic part of something	نایب-دستیار-ترقی دهنده
expenditure	/ɪkˈspen.dɪ.tʃər/	noun	a belief or opinion, often held by many people and based on how things seem	هزینه-خرج
contributor	/kənˈtrɪb.jə.tər/	noun	a person who helps someone else to do a job or who holds a less important position in an organization	شرکت کننده
mortality	/mɔːtæl.ɪ.tɪ/	noun	› an amount of money, time, or effort that is spent	مرگ و میر
indeed	/ɪnˈdɪd/	adverb	person who helps by giving money, or someone whose writing or art is published or shown with pieces by other people	راستی-واقعا
flourish	/'flʌrɪʃ	verb	the condition of being mortal:	جلوه-پیشرفت کردن
mandatory	mænˈdə.tɔːr.i	adjective	(used to emphasize something said or about to be said) really; truly	اجباری
tactile	/tæk.tɪl/	adjective	to grow or develop successfully	لمس کردنی

skeptical	skĕp'ti-kəl	adjective	made necessary, usually by law or by some other rule	نیاز
concept	kŏn'sĕpt	noun	Perceptible to the sense of touch; tangible.	جنبه
abuse	ə-byoōz'	verb	Marked by or given to doubt; questioning:	سو استفاده کردن
issue	(īsh'oō	noun	A general idea or understanding of something:	موضوع
neglect	nĭ-glĕkt'	verb	To use improperly or excessively; misuse:	غفلت کردن
backup	băk'ŭp	noun	A point or matter of discussion, debate, or dispute	پشتیبان
assisted	(ə-sĭstt	adjective	To pay little or no attention to; fail to heed; disregard	حضور بهم رساندن
facility	(fə-sĭl'ĭ-tĕ	noun	A reserve or substitue	سهولت
feedback	(fĕd'băk	noun	To give help or support to, especially as a subordinate or supplement	بازخورد
cue	(kyoō)	noun	Ease in moving, acting, or doing	اشارت
identify	(ĭ-dĕn'tə-fi	verb	The return of a portion of the output of a process or system to the input, especially when used to maintain performance or to control a system or process.	شناختن
restricted	rĭ-strĭk'tĭd	adjective	A signal, such as a word or action, used to prompt another event in a performance	محصور
magnified	(măg'nə-fi'	adjective	to prove or recognize as being a certain person or thing; determine the identity of	بزرگ شده
undertaken	ŭn'dər-tăk'	adjective	Kept within certain limits; limited	متعهد شده
initial	(ĭ-nĭsh'ə	adjective	To increase the apparent size of (an object)	اصلی-اولین-آغاز
accuracy	(ăk'yər-ə-sĕ)	noun	To deliberately begin to do (something)	دقت
extensive	ĭk-stĕn'sĭv	adjective	Of, relating to, or occurring at the beginning; first	بزرگ
completion	kəm-plĕ'shən	noun	Conformity to fact.	تکمیل
violation	(vĭ'ə-lă'shən	noun	Large in extent, range, or amount	تخلف
protective	(prə-tĕk'tĭv)	adjective	The act of completing or the state of being completed	محافظ

trocar	(trō'kar'	noun	the act of violating or the state of being violated	تروکار-وسيله نوک تیز برای کشیدن مایعات
augmentation	og'mĕn-tā'shən	noun	giving or capable of giving protection	افزایش
boundary	boun'də-rē, -drē	noun	(Surgery) a surgical instrument for removing fluid from bodily cavities, consisting of a puncturing device situated inside a tube	مرز
clamp	klämp	noun	the amount by which something is increased	بند-گیره
sewing	sō'ing	noun	something that indicates the farthest limit, as of an area; border 2. (Cricket) cricket	دوزندگی
modality	(mō-dāl'ī-tē)	noun	Any of various devices used to join, grip, support, or compress mechanical or structural parts	کیفیت
specimen	(spĕs'ə-mən	noun	a. a piece of cloth, etc, that is sewn or to be sewn	نمونه
malignancy	(mə-lig'nən-sē	noun	. A tendency to conform to a general pattern or belong to a particular group or category.	خبثت
retrieval	rī-trē'vəl)	noun	An individual, item, or part representative of a class or whole. See Synonyms at example.	بازیابی
fuse	(fyoōz	noun	Virulent or threatening to life	فیوز-آمیختن
convert	kən-vurt'	verb	To get back into one's grasp, possession, or control	تبدیل کردن
computed	kəm-pyoōt'	adjective	A cord of readily combustible material that is lighted at one end to carry a flame along its length to detonate an explosive at the other end.	محاسبه شده
undergone	(ŭn'dər-gō')	adjective	To change (something) into another form, substance, state, or product	متحمل چیزی شدن-تحمل کردن
affliction	ə-flīk'shən	noun	A condition of pain, suffering, or distress	رنج-درد
sour	sauər	adjective	to experience, endure, or sustain	ترش-تند
grapes	greɪp	noun	a small round purple or pale green fruit that you can eat or make into wine	انگور
imperative	/ɪm'per.ə.tɪv/	adjective	having a sharp, sometimes unpleasant, taste or smell, like a lemon, and not sweet	ضروری

ignominy	/ɪg.nə.mi.ni/	noun	a small, round fruit, usually pale green, purple, or red, that grows on a vine and is eaten raw, made into juice, or used for making wine	رسوایی-افتضاح
foresee	/fə'siː	verb	extremely important or urgent	پیش بینی کردن
credential	/kri'den.ʃəl	adjective	public embarrassment	گواهی نامه
arena	/ə'riː.nə/	noun	to know about something before it happens:	پهنه-صحنه-عرصه
flooding	/flʌdɪŋ	noun	the abilities and experience that make someone suitable for a particular job or activity, or proof of someone's abilities and experience	توانایی-تجربه
dogma	'dɒg.mə	noun	a large, flat area surrounded by seats used for sports or enlargement	عقیده دینی
lantern	/'læn.tɜ:n	noun	the condition of becoming filled or covered with a large amount of water:	فانوس
unbridled	/ʌn'brɪdɪd	adjective	not controlled or limited	ول-خودسر
enthusiasm	/ɪn'θuːzɪ.æz.əm	noun	a fixed belief or set of beliefs that people are expected to accept without any doubts	اشتیاق
gimmick	'gɪmɪk	noun	a light enclosed in a container that has a handle for holding it or hanging it up, or the container itself	حيله-تدبير
prominent	prəm-ə'nənt	adjective	not controlled or limited	برجسته-والا
mandatory	mæn-də'tɔːri	adjective	a feeling of energetic interest in a particular subject or activity and a desire to be involved in it, or a subject that produces such a feeling	اجباری
terrestrial	tə'restri-əl	adjective	something invented esp. for the purpose of attracting attention and that has no other purpose or value:	زمینی-خاکی
promptly	'prɒpt.li	adverb	very noticeable, important, or famous:	فورا
console	kən'saʊl	verb	made necessary, usually by law or by some other rule	تسلی دادن
dexterity	/dek'sterɪtɪ	noun	relating to the planet earth, or living or existing on the land rather than in the sea or ai	چابکی-تردستی
ergonomic	ˌɜːgə'nɒmɪk	adjective	(of an action) done quickly and without delay, or (of a person) acting quickly or arriving at an arranged time	ترس بی جهت از عمل

articulate	ɑr'tɪk.jə.lət	adjective	to give comfort and sympathy to someone who is sad or disappointed	شمرده سخن گفتن-ماهر در صحبت
rotate	'rou.teɪt	verb	the ability to use the hands skillfully in doing something	چرخیدن
maneuvering	mə'nu.vər	noun	ergonomic furniture or equipment is designed in a way that makes it comfortable and effective for people who use it for their work	مانور
mimic	/'mɪm.ɪk	verb	to copy the way in which a particular person usually speaks and moves, usually in order to make people laugh	تقلید کردن-مسخره کردن
refund	rɪ'fʌnd	verb	A planned and controlled movement of military forces	پس دادن
slipped	slɪp	verb	expressing or able to express things easily and clearly	لغزیدن
preparatory	pri'pær.ə'tɔ:ri	adjective	a person who controls people to their own advantage, often unfairly or dishonestly	تدارکی-مقدماتی

(CHAPTER THREE)

word	pronunciation	Part of speech	definition	meaning
cracking	/'kræk.ɪŋ/	noun	a process in which large molecules of a hydrocarbon are broken down into smaller molecules	شکستن
diverse	/daɪ'vɜ:s/	adjective	very different from each other	گونگون
Array	/ə'reɪ/	verb	to arrange a group of things in a particular way	منظم کردن-آراستن
Capture	/'kæp.tʃər/	verb	to take someone as a prisoner, or to take something into your	گرفتن

			possession, especially by force	
harbor	/ˈhɑː.bər/	noun	an area of water next to the coast, often protected from the sea by a thick wall, where ships and boats can shelter	محافظت
species	/ˈspiː.ʃiːz/	noun	a set of animals or plants in which the members have similar characteristics to each other and can breed with each other	انواع
empower	/ɪmˈpaʊər/	verb	to give someone official authority or the freedom to do something	قدرت دادن
millennia	/mɪˈlen.i.əm/	noun	a period of 1,000 years, or the time when a period of 1,000 years ends	هزاره
treat	/tri:t/	verb	to behave towards someone or deal with something in a particular way	درمان کردن
Introduce	/,ɪn.trəˈdjuːs /	verb	to be the beginning of something	وارد کردن
pursue	/pəˈsjuː/	verb	to follow someone or something, usually to try to catch him, her, or it	دنبال کردن
To alleviate	/əˈliː.vi.eɪt/	verb	to make something bad such as pain or problems less severe	تسکین دادن
Entail	/ɪnˈteɪl/	verb	to make something necessary, or to involve something	شامل بودن
medium	/ˈmiː.di.əm/	noun	a method or way of expressing something:	محیط کشت
insert	/ɪnˈsɜːt/	verb	to put something inside something else, or to add something, especially words, to something else	وارد کردن
defective	/dɪˈfek.tɪv/	adjective	Something that is defective has a fault in it and does not work correctly	معیوب
detect	/dɪˈtekt/	verb	to discover something, usually using special equipment	کشف کردن
troublesome	/ˈtrʌb.l.səm/	adjective	a lot of problems for causing someone	سخت
determine	/dɪˈtɜː.mɪn/	verb	to control or influence something directly, or to decide what will happen	تصمیم گرفتن
entice	/ɪnˈtaɪs/	verb	to persuade someone to do something by offering them something pleasant	فریفتن جلب کردن
incorporate	/ɪnˈkɔː.pər.eɪt/	verb	to include something as part of something larger	داخل کردن
Cripple	/ˈkrɪp.l/	adjective	Something that is crippling causes someone serious injuries or harm	ضعیف شده
Manipulation	/məˌnɪp.jʊˈleɪ.ʃən/	noun	someone or something controlling to your own advantage, often unfairly or dishonestly	دستکاری
Long-term	/ˌlɒŋˈtɜːm/	adjective	a long time into the continuing future	طولانی مدت
Temporary	/ˈtem.pər.ər.i/ -prər-/	adjective	not lasting or needed for very long	موقتی
Target	/ˈtɑːɡɪt/	noun	an object shot at during shooting practice	هدف
eliminate	/ɪˈlɪm.i.neɪt/	verb	to remove or take away someone or something	حذف کردن-رفع کردن
Accomplish	/əˈkʌm.plɪʃ/	verb	to finish something successfully or to achieve something	انجام دادن
incorporate	/ɪnˈkɔː.pər.eɪ	verb	to include something as part of	آمیختن

	t/		something larger	
Inherent	/ɪnˈher.ənt/ /-ˈhiə.rənt/	adjective	as a natural or basic part existing of something	ذاتی
Potential	/pəˈten.ʃəl/	adjective	when the necessary possible conditions exist	بالقوه
Fertilize	/ˈfɜː.tɪ.laɪz/	verb	to spread a natural or chemical substance on land or plants, in order to make the plants grow well	لقاح کردن
In vitro		adjective	outside the body in happening artificial conditions, often in a test tube	لقاح خارج از بدن مادر
couple	/ˈkʌp.l/	noun	two or a few things that are similar or the same, or two or a few people who are in some way connected	زوج
sickle cell anaemia		noun	a serious medical condition that causes pain and fever, passed from parent to child and mainly affecting black people	کم خونی داسی شکل
Loud voice		noun	Strong-opinions	عقیده
intentionally	/ɪnˈten.ʃən.əl /	adjective	intended or planned	آگاهانه
Evolutionary	/iː.vəˈluː.ʃən. ər.i/ /ˌev.əˈ-/	adjective	a gradual process of involving change and development	تکاملی
Course	/kɔːs/	Noun	the direction in which a vehicle, especially an aircraft, spacecraft, or ship, moves, or the path along which a river flows	جهت
Trait	/treɪt/	Noun	a particular characteristic that can produce a particular type of behaviour	ویژگی
significant	/sɪɡˈnɪf.ɪ.kən t/	adjective	or noticeable important	مهم
component	/kəmˈpəʊ.nə nt/	Noun	a part that combines with other parts to form something bigger	جزء
infancy	/ɪnˈfæn.si/	noun	the time when someone is a baby or a very young child	کودکی
completion	/kəmˈpliː.ʃən/	noun	the act of finishing something that you are doing or making	تکمیل
permanently	/ˈpɜː.mə.nənt .li/	adverb	always and for ever	به طور دائم
controversial	/ˌkɒn.trəˈvɜː. ʃəl/	adjective	disagreement or causing discussion	جدال آمیز
deem	/diːm/	verb	to consider or judge something in a particular way	فرض کردن
arbitrarily	/ˈɑː.bɪ.trər.i/	adjective	on chance rather than being based planned or based on reason	دلخواهانه
elucidate	/ɪˈluː.sɪ.deɪt/	verb	to explain something or make something clear	توضیح دادن
so-called	/ˌsəʊˈkɔːld/	adjective	used to show that you think a word that is used to describe someone or something is not suitable or not correct	به اصطلاح
inspect	/ɪnˈspekt/	verb	to look at something or someone carefully in order to discover information, especially about their quality or condition	رسیدگی کردن
encode	/ɪnˈkəʊd/	verb	to change something into a system for sending messages secretly, or to represent complicated information in a simple or short way	به رمز درآوردن
knockout	/ˈnɒk.aʊt/	noun	in boxing, the act of hitting the	ضربه فنی شکست خورده

			other fighter so that they fall to the ground and are unable to get up again within ten seconds	
pharmaceutical	/ˈfɑːməˈsuːtɪkəl/	adjective	with the production of connected medicines	دارویی
prone	/praʊn/	adjective	to suffer from an illness or likely show a particular negative characteristic	متمايل
ban	/bæn/	verb	to forbid (= refuse to allow) something, especially officially	تحریم کردن
hereditary	/həˈredɪtəri/	adjective	(of characteristics or diseases) passed from the genes of a parent to a child, or (of titles and positions in society) passed from parent to a child as a right	ارثی
cripple	/ˈkrɪp.l/	verb	to cause serious damage to someone or something, making him, her, or it weak and not effective	فلج کردن
counselor		adjective	someone whose job is to help people choose a job or career	مشاور
racial	/ˈreɪ.ʃəl/	adjective	between people of happening different races	نژادی
ethnic	/ˈeθ.nɪk/	adjective	to a particular race of relating people	قومی
formidable	/fɔːˈmɪ.də.bl/	adjective	you to have fear or respect causing for something or someone because that thing or person is large, powerful, or difficult	ترسناک
precise	/prɪˈsaɪs/	adjective	accurate and exact	صریح
variant	/ˈveəri.ənt/	noun	something that is slightly different from other similar things	گونه
intervene	/ˈɪn.təˈviːn/	verb	to intentionally become involved in a difficult situation in order to improve it or prevent it from getting worse	مداخله کردن
etiology	/iːˈtɪɒlədʒi/	noun	US spelling of aetiology	سبب شناسی
Psychiatric	/ˈsaɪ.kiˈætrɪk/	adjective	of or relating to the study of mental illness	روان پزشکی
lethal	/ˈliːθəl/	adjective	to cause or causing death; able extremely dangerous	کشنده
alter	/ˈɒl.tər/	verb	to change something, usually slightly, or to cause the characteristics of something to change	دگرگون کردن
interplay	/ˈɪn.təˈpleɪ/	noun	the effect that two or more things have on each other	برهم کنش
crucial	/ˈkruː.ʃəl/	adjective	important or necessary extremely	خیلی مهم
invade	/ɪnˈveɪd/	verb	to spoil a situation or quality for another person without thinking about their feelings	تجاوز کردن
trigger	/ˈtrɪg.ər/	verb	to cause something bad to start	راه انداختن
occupancy	/ˈɒk.ju.pən.sɪ/	noun	someone's use of a room or building for the purposes of living or working	تصرف.تصرف
integral	/ˈɪn.tɪ.ɡrəl/	adjective	within something; not contained separate	جدایی ناپذیر
saught				سوم شخص فعل seek
broadly	/ˈbrɔːd.li/	adverb	a hint (= when you tell someone something without saying it directly) that is easy to understand	عموما

congenital	/kən'dʒen.i.təl/	adjective	A congenital disease or condition exists at or from birth	ارشی‌ذاتی
anomaly	/ə'nɒm.ə.li/	noun	a person or thing that is different from what is usual, or not in agreement with something else and therefore not satisfactory	خلاف قاعده
prospective	/prə'spek.tɪv/	adjective	who are expected to buy people something, employ someone, become a parent, etc	مربوط به آینده
recur	/rɪ'kʊr/	verb	to happen many times or to happen again	باز رخ دادن
consanguineous				هم خون
assess	/ə'ses/	verb	to judge or decide the amount, value, quality, or importance of something	سنجیدن
pregnancy	/'preg.nən.si/	noun	the state of being pregnant	بارداری
progressive	/prə'gres.ɪv/	adjective	or happening gradually developing	جلورونده
elicit	/'ɪ.lɪs.ɪt/	verb	to get or produce something, especially information or a reaction	بیرون کشیدن
abridge	/ə'brɪdʒ/	verb	to make a book, play, or piece of writing shorter by removing details and information that is not important	کوتاه کردن
proband				سرودمان
Utilize	/'juː.tɪ.laɪz/	verb	to use something in an effective way	استفاده کردن
fingerprint	/'fɪŋ.gə.prɪnt/	verb	the pattern of curved lines on the end of a finger or thumb that is different in every person, or a mark left by this pattern	انگشت نگاری کردن
predecessor	/'priː.dɪ.ses.ər/	noun	someone who had a job or a position before someone else, or something that comes before another thing in time or in a series	سابق
Vague	/veɪg/	adjective	not clearly expressed, known, described, or decided	مبهم
Recessive	/rɪ'ses.ɪv/	adjective	(of genes and the physical qualities they control) only appearing in a child if both parents supply the controlling gene	نهفته
Pedigree chart				شجره نامه
miscarriages	/'mɪs.kær.ɪdʒ/	noun	an early, unintentional end to a pregnancy when the baby is born too early and dies because it has not developed enough	سقط جنین
aberration	/'æb.ə'reɪ.ʃən/	noun	a temporary change from the typical or usual way of behaving	ناهنجاری
Mutant	/'mjuː.tənt/	noun	an organism that is different from others of its type because of a permanent change in its genes	جهش یافته

word	pronunciation	Part of speech	definition	meaning
Laparoscopy	ˌlæp.əˈrɒs.kə.pi	noun	the use of a long thin tube put into a cut made in the body in order to examine inside the body or do an operation:	روش‌پوشی برای معاینه داخل بدن بوسیله وارد کردن لوله
Take on	teɪk ɒn	verb	to accept a particular job or responsibility	پذیرفتن مسئولیت
precise	prɪˈsaɪs	adj	exact and accurate:	دقیق
Micro processor	ˌmaɪ.krəʊˈpɹəʊ.ses.ər	noun	a part of a computer that controls its main operations	ریزپردازنده
Hazardous	hæz.ə.dəs	adjective	dangerous:	پرخطر
objective	ˌɒbˈdʒektɪv	noun	something that you plan to do or achieve	منظور-هدف
evaluation	ˌɪ.væl.juˈeɪ.ʃən	noun	to judge or calculate the quality, importance, amount, or value of sth.	سنجش
slightly	ˈslaɪt.li	adverb	a little	کمی-اندکی
widespread	ˌwaɪdˈspred	adj	existing or happening in many places and/or among many people	شایع
ligation	lɪˈɡeɪ.ʃən	verb	the act of tying a blood vessel or other tube in the body with a piece of thread or wire:	انعقاد
hysterectomy	hɪs.tərˈek.tə.mi	noun	a medical operation to remove part or all of a woman's womb	بیرون آوردن رحم
chip	ˌtʃɪp	noun] a small piece that has been broken off a larger object, or the mark left on an object such as a cup, plate, etc. where a small piece has been broken off it	لب پریده شدن
illuminate	ˌɪ.luː.mɪ.neɪt/	verb	to light something and make it brighter	روشن کردن
insert	ɪnˈsɜːt	verb	to put something inside something else, or to add something, especially words, to something else	الحاق کردن-داخل کردن
canula	ˈkæn.jə.lə\	noun	a small tube for insertion into a body cavity, duct, or vessel	لوله ای کوچک برای ورود به حفره شکم یا عروق
cholecystectomy	ˌkɔːl-ə-(.)sɪsˈtek-tə-mē\	noun	surgical excision of the gallbladder	جراحی کیسه صفرا

insufflated	in(t)-sə- flā- shən	noun	the introduction of a flow of gas into a body cavity <oxygen for tracheal gas insufflation> <abdominal insufflation with carbon dioxide>	دمیدن-فوت کردن
approach	ə- prōch	noun		نزدیک شدن
ensue	ɪn su	verb		از پس آمدن
refine	ri- fin	verb	the surgical procedure by which access is gained to a bodily part	خالص کردن-تصفیه کردن
popularize	ˌpɒp-jə-lə raɪ z	verb	to happen after something else, esp. as a result of it	مشهور کردن
broadened	ˈbrɔːdənd	adjective	o free (as sugar or oil) from impurities or unwanted material	منتشر کردن
In scope	skōp	adverb	to cause something to become known, admired, or used by many people	قلمرو-حوزه
seminal	ˈsem-ən-əl	adjective	to become wider, or to cause something to be wider	اصلی
innovation	ˌɪn-ə veɪ-ʃən	noun	In view	ابداع
magnified	mag-nə- fɪl	adj	of, relating to, or consisting of seed or semen <seminal discharge>	درشت کردن
prior	ˈpraɪ-ər	adjective	a new idea or method, or the use of new ideas and methods:	قبلی-مقدم
conception	kən- sep- shən\	noun	to enlarge in appearance	حاملگی
conceptually	ən- sep- chə(-wə)l,	adv	coming before in time, order, or importance	ادراکی
enhanced	ɪn hæns	adjective	he process of becoming pregnant involving fertilization or implantation or both b: embryo, fetus ...	بالا بردن
adopted	ə dɒpt	adjective	of, relating to, or consisting of concepts	قبول کردن
prospective	prə- spek- tiv	adjective	to improve the quality, amount, or strength of something	مربوط به آینده
beneficial	ˌben.ɪ fɪʃ.əl	adjective	to take another person's child legally into your own family to raise as your own child	سودمند

stitch	\ 'stɪtʃ\	noun	relating to or being a study (as of the incidence of disease) that starts with the present condition of a population of individuals and follows them into the future	بخیه
Post-operative	pōst-'äp-(ə-)rət-iv	adjective	helpful, useful, or good:	مفید
morbidity	mör-'bid-ət-ē\	noun	a local sharp and sudden pain especially in the side	فساد-ناخوشی
deemed	di:m	adjective	Related to sth after operation	خیال کردن
substituted	səb-stə-'t(y)üt	adjective	diseased state or symptom <lumbar puncture, if improperly performed, may be followed by a significant morbidity.	جانشین کردن
outlined	/'aʊt.laɪn	adjective	to consider or judge something in a particular way	خلاصه کردن
confinement	/'kɒn'faɪn/	noun	a person or thing that takes the place or function of another <father and mothe	بستری-زایمان-تحدید-زندادان بودن
markedly	/'mɑ:..kɪd.li/	adverb	the main shape or edge of something, without any details	جزء اصلی
termination	'tɜ:mə'neɪt/	noun	to keep someone or something within limits	پایان
contraindicated	/'kɒn.trə'ɪn.dɪ.keɪ.tɪd	adjective	Eye-witness accounts of the fighting differ markedly from police reports of what happened.	منع استعمال
Sine qua non	,'sɪn.ɛɪ.kwɑ: 'nəʊn/	noun	to end or stop, or to cause something to end or stop	توقف
uninformed	,'ʌn.ɪn'fɔ:md	adjective	used to say that a drug or treatment should not be used in a particular situation as it is likely to harm the patient:	بی اطلاع-بی خبر
tremendous	/'trɛ'men-dəs /	adjective	a necessary condition without which something is not possible	ترسناک
complaint	kəm'pleɪnt/	noun	not having much information about something; not informed	شکایت
upset	/'ʌp'set/	verb	great in amount, size, or degree; extremely large	آشفته کردن
devastating	/'dev-ə'steɪ-tɪŋ/	adjective	a statement that something is wrong or not good enough, the act of complaining, or the thing you are complaining about	مخرب

accumulated	/ə'kjʊ: mjʊ.l eɪt/	verb	causing great damage or suffering to something or someone	جمع شده-انباشتن
eradicated	/ɪ'ræd·ə'keɪt /	verb	to collect a large number of things over a long period of time	از بیخ کردن
meticulous	/mə'tɪk·jə·lə s	adjective	› in a very sudden or noticeable way:	خیلی دقیق-ترسو
alertness	/ə'lɜ:t -nəs/	noun	to get rid of or destroy something completely	اعلام خطر
suited	/su:t/	adjective	giving or showing careful attention to every detail	درخواست
ranging	/reɪndʒ/	noun	a warning to people to be prepared to deal with something dangerous:	هشدار دادن
perforation	/pɜ:fə'r'eɪ·ʃən/	noun	to be convenient or work well for someone or somethin	سوراخ
minute	/'mɪn·ət/	adjective	the level to which something is limited, or the area within which something operates	گزارش-کوچک-لحظه
adjacent	/ə'dʒeɪ·sənt/	adjective	a hole in something	همسایه-مجاور-نزدیک
interest	/'ɪn·trəst	noun	very short	سود-بهره-کوتاه
limit	/'lɪm·ɪt/	noun	very near, or with nothing in between	محدود
inherent	/ɪn'her·ənt/	adjective	a feeling of having your attention held by something, or of wanting to be involved with and learn more about something	ذاتی-اصلی
perception	/pə'sep·ʃən/	noun	the greatest amount, number, or level allowed or possible	احساس-ادراک
assistant	/ə'sɪs·tənt/	noun	existing as a natural or basic part of something	نایب-دستیار-ترقی دهنده
expenditure	/ɪk'spen·dɪ·t ʃər/	noun	a belief or opinion, often held by many people and based on how things seem	هزینه-خرج
contributor	/kən'trɪb·jə·t ər/	noun	a person who helps someone else to do a job or who holds a less important position in an organization	شرکت کننده
mortality	/mɔr'tæl·ɪ·tɪ/	noun	› an amount of money, time, or effort that is spent	مرگ و میر

indeed	/ɪnˈdiːd/	adverb	person who helps by giving money, or someone whose writing or art is published or shown with pieces by other people	راستی-واقعا
flourish	/ˈflʌrɪʃ/	verb	the condition of being mortal:	جلوه-پیشرفت کردن
mandatory	mænˈdətɔːri	adjective	(used to emphasize something said or about to be said) really; truly	اجباری
tactile	/tækˈtaɪl/	adjective	to grow or develop successfully	لمس کردنی
skeptical	skɛpˈtɪkəl	adjective	made necessary, usually by law or by some other rule	نیاز
concept	kɒnˈsept	noun	Perceptible to the sense of touch; tangible.	جنبه
abuse	əˈbyʊʊz	verb	Marked by or given to doubt; questioning:	سو استفاده کردن
issue	(ɪʃˈoʊ	noun	A general idea or understanding of something:	موضوع
neglect	nɪˈɡlekt	verb	To use improperly or excessively; misuse:	غفلت کردن
backup	bækˈʌp	noun	A point or matter of discussion, debate, or dispute	پشتیبان
assisted	(əˈsɪst	adjective	To pay little or no attention to; fail to heed; disregard	حضور بهم رساندن
facility	(fəˈsɪlɪˈtiː	noun	A reserve or substitute	سهولت
feedback	(fɛdˈbæk	noun	To give help or support to, especially as a subordinate or supplement	بازخورد
cue	(kyoʊ)	noun	Ease in moving, acting, or doing	اشارت
identify	(ɪˈdɛntɪˈfi	verb	The return of a portion of the output of a process or system to the input, especially when used to maintain performance or to control a system or process.	شناختن
restricted	rɪˈstrɪkˈtɪd	adjective	A signal, such as a word or action, used to prompt another event in a performance	محصور
magnified	(mægˈnəʊfiː	adjective	to prove or recognize as being a certain person or thing; determine the identity of	بزرگ شده

undertaken	ŭn'dər-tāk'	adjective	Kept within certain limits; limited	متعهد شده
initial	(ĭ-nĭsh'ə	adjective	To increase the apparent size of (an object)	اصلی-اولین-آغاز
accuracy	(āk'yər-ə-sē)	noun	To deliberately begin to do (something)	دقت
extensive	ĭk-stĕn'sĭv	adjective	Of, relating to, or occurring at the beginning; first	بزرگ
completion	kəm-plĕ'shən	noun	Conformity to fact.	تکمیل
violation	(vĭ'ə-lā'shən	noun	Large in extent, range, or amount	تخلف
protective	(prə-tĕk'tĭv)	adjective	The act of completing or the state of being completed	محافظ
trocar	(trō'kar'	noun	the act of violating or the state of being violated	تروکار-وسیله نوک تیز برای کشیدن مایعات
augmentation	og'mĕn-tā'shən	noun	giving or capable of giving protection	افزایش
boundary	boun'də-rĕ, -drĕ	noun	(Surgery) a surgical instrument for removing fluid from bodily cavities, consisting of a puncturing device situated inside a tube	مرز
clamp	klämp	noun	the amount by which something is increased	بند-گیره
sewing	sō'ĭng	noun	something that indicates the farthest limit, as of an area; border 2. (Cricket) cricket	دوزندگی
modality	(mō-dāl'ĭ-tĕ)	noun	Any of various devices used to join, grip, support, or compress mechanical or structural parts	کیفیت
specimen	(spĕs'ə-mĕn	noun	a. a piece of cloth, etc, that is sewn or to be sewn	نمونه
malignancy	(mə-lĭg'nĕn-sē	noun	. A tendency to conform to a general pattern or belong to a particular group or category.	خبثات
retrieval	rĭ-trĕ'vəl)	noun	An individual, item, or part representative of a class or whole. See Synonyms at example.	بازیابی
fuse	(fyōōz	noun	Virulent or threatening to life	فیوز-آمیختن
convert	kən-vurt'	verb	To get back into one's grasp, possession, or control	تبدیل کردن

computed	kəm-pyoʊt'	adjective	A cord of readily combustible material that is lighted at one end to carry a flame along its length to detonate an explosive at the other end.	محاسبه شده
undergone	(ʊn'dər-gō')	adjective	To change (something) into another form, substance, state, or product	متحمل چیزی شدن-تحمل کردن
affliction	ə-flɪk'shən	noun	A condition of pain, suffering, or distress	رنج-درد
sour	sauər	adjective	to experience, endure, or sustain	ترش-تند
grapes	ɡreɪp	noun	a small round purple or pale green fruit that you can eat or make into wine	انگور
imperative	/ɪm'per.ə.tɪv /	adjective	having a sharp, sometimes unpleasant, taste or smell, like a lemon, and not sweet	ضروری
ignominy	/'ɪɡ.nə.mɪ.ni/	noun	a small, round fruit, usually pale green, purple, or red, that grows on a vine and is eaten raw, made into juice, or used for making wine	رسوایی-افتضاح
foresee	/fə'si:	verb	extremely important or urgent	پیش بینی کردن
credential	/kri'den.ʃəl	adjective	public embarrassment	گواهی نامه
arena	/ə'ri:nə/	noun	to know about something before it happens:	پهنه-صحنه-عرصه
flooding	/'flʌdɪŋ	noun	the abilities and experience that make someone suitable for a particular job or activity, or proof of someone's abilities and experience	توانایی-تجربه
dogma	'dɒɡmə	noun	a large, flat area surrounded by seats used for sports or enlargement	عقیده دینی
lantern	/'læntərn	noun	the condition of becoming filled or covered with a large amount of water:	فانوس
unbridled	/ʌn'brɪdld	adjective	not controlled or limited	ول-خودسر
enthusiasm	/'ɪnθu:zɪ.æz.əm	noun	a fixed belief or set of beliefs that people are expected to accept without any doubts	اشتیاق
gimmick	'ɡɪmɪk	noun	a light enclosed in a container that has a handle for holding it or hanging it up, or the container itself	حیله-تدبیر

prominent	prəm·ə·nənt	adjective	not controlled or limited	برجسته-والا
mandatory	mæn·də·tɔr·i	adjective	a feeling of energetic interest in a particular subject or activity and a desire to be involved in it, or a subject that produces such a feeling	اجباری
terrestrial	tə'res·tri·əl	adjective	something invented esp. for the purpose of attracting attention and that has no other purpose or value:	زمینی-خاکی
promptly	'prɒpt·li	adverb	very noticeable, important, or famous:	فورا
console	kən'soul	verb	made necessary, usually by law or by some other rule	تسلی دادن
dexterity	/dek'ster·ɪ·t·i	noun	relating to the planet earth, or living or existing on the land rather than in the sea or ai	چابکی-تردستی
ergonomic	ˌɜ:gə'nɒmɪk	adjective	(of an action) done quickly and without delay, or (of a person) acting quickly or arriving at an arranged time	ترس بی جهت از عمل
articulate	ɑr'tɪk·jə·lət	adjective	to give comfort and sympathy to someone who is sad or disappointed	شمرده سخن گفتن-ماهر در صحبت
rotate	'rou·teɪt	verb	the ability to use the hands skillfully in doing something	چرخیدن
maneuvering	mə nu·vər	noun	ergonomic furniture or equipment is designed in a way that makes it comfortable and effective for people who use it for their work	مانور
mimic	/'mɪm.ɪk	verb	to copy the way in which a particular person usually speaks and moves, usually in order to make people laugh	تقلید کردن-مسخره کردن
refund	rɪ'fʌnd	verb	A planned and controlled movement of military forces	پس دادن
slipped	slɪp	verb	expressing or able to express things easily and clearly	لغزیدن
preparatory	pri'pær·ə·tɔr·i	adjective	a person who controls people to their own advantage, often unfairly or dishonestly	تدارکی-مقدماتی

(chapter five)

word	pronunciation	Part of speech	definition	meaning
psychosomatic	/ˌsaɪˈkɒʊ·səˈmætɪk/	adjective	relating to a physical problem caused by emotional anxiety and not by illness, infection, or injury	روان تنی
essential	/ɪˈsenʃəl/	adjective	extremely important or necessary	ضروری
hypertension	/ˌhaɪˈpɜːtenʃən/	noun	unusually high blood pressure	افزایش فشار خون
asthma	ˈæzˌmə/	noun	a chest disease in which breathing can become difficult, often caused by an allergic reaction	آسم
Ulcerative colitis	_____	noun	nonspecific inflammatory disease of the colon of unknown cause characterized by diarrhea	زخم و التهاب کولون
Peptic ulcer	_____	noun	A painful area inside the GIT	زخم لوله گوارش
Rheumatoid arthritis	_____	noun	A serious disease causes the joints to become very painful, stiff, and swollen	آرتریت روماتوئید
component	/kəmˈpou·nənt/	noun	one of the parts of a system, process, or machine	عنصر
manifestation	/mæn·əˈfɛʃteɪʃən /	noun	a sign showing the existence of a particular condition	آشکار سازی
insomnia	/ɪnˈsʌm·ni·ə/	noun	the condition of being unable to sleep	بی خوابی
expand	/ɪkˈspænd/	verb	to increase something in size, number, or importance	توسعه دادن
intimately	/ɪnˈtə·mət·li /	adverb	in an expert and detailed way	به طور دقیق
intertwined	/ɪnˈtɜːtwɔɪnd /	adjective	twisted together or closely connected so as to be difficult to separate	در هم پیچیده شده
significant	/sɪgˈnɪfɪ·kənt/	adjective	important, large, or great	مهم
interaction	/ɪnˈtɜːæk·ʃən /	noun	Communication with	برهم کنش
concept	/kən·sept /	noun	a principle or idea	عقیده
dynamism	/daɪ·nəˌmɪz·əm /	noun	energy and a strong desire to make something happen	پویایی
interdependency	/ɪnˈtɜːdɪˈpen·dəns /	noun	the fact of depending on each other:	وابستگی
sophistication	/səˌfɪs·tɪˈkeɪ·ʃən/	noun	Sophistication is also the quality of being complicated or made with great skill	مهارت
flu	flu/	noun	infectious illness like a very bad cold that	آنفولانزا

			also causes a fever	
virulent	/vɪər-jə-lənt/	adjective	(of a disease) dangerous and spreading quickly, or (of poison) having an effect very quickly	بدخیم
fascinating	/fæs-ə-neɪ-tɪŋ/	adjective	interesting	سحر آمیز
concerning	/kən'sɜ:n-nɪŋ/	preposition	about	درباره
metaphor	/met-ə-fər, -fər/	noun	an expression that describes a person or object by referring to something that is considered to possess similar characteristics	استعاره
Abound	/ə baʊnd/	verb	to exist in large numbers	فراوان بودن
ingestion	/in-'jest/	noun	to swallow (something)	بلع
digestion	/dɪ'dʒes-tʃən/	noun	the ability of the body to change food chemically so that it can be used	هضم
stomach	/stʌm-ək/	verb	to accept or be able to deal with something that causes you difficulty	تحمل کردن
fellow	/fel-ou/	noun	A man	شخص
guts	/gʌts/	Plural noun	bravery and determination	جرات
attest	/ə'test/	verb	(of a person) to state with authority that something is true	شهادت دادن
lust	/lʌst/	noun	A strong desire	شهوت
courage	/kʌr-ɪdʒ/	noun	the ability to control fear	شجاعت
appetite	/æp-ɪ'taɪt/	noun	a desire or need for something, esp. food	اشتها
salivation	/sæl-ə'veɪt/	noun	Producing saliva	ایجاد بزاق
peristalsis	/per-ə'stɔ:l-sɪs/	noun	the repeated movements made in the tube that carries food away from the stomach	حرکت دودی
constipation	/kən-stə'peɪ-tɪd/	noun	unable to excrete the contents of the bowels often enough or in large enough amounts	یبوست
accompany	/ə'kʌm-pə-ni/	verb	to go with someone or to exist at the same time as something	همراه بودن
aerophagia	/ar-ō-fā-j(ē)-ə/	noun	the swallowing of air especially in hysteria	هوا بلعی
diarrhea	/daɪ-ə'ri-ə/	noun	an illness in which a person's solid waste is too watery and is excreted too frequently	اسهال
vomiting	/vʌm-ɪ-tɪŋ/	noun	to empty the contents of the	استفراغ

			stomach through the mouth, usually in explosive bursts	
fright	/fraɪt/	noun	the feeling of fear	ترس
tachycardia	/tak-i- 'kɑ:d-ē-ə/	noun	relatively rapid heart action whether physiological (as after exercise) or pathological	تپش قلب
splanchnic	/splʌŋk-nɪk/	adjective	Visceral	احشایی
constriction	/kən 'strɪk-fən/	noun	Becoming tighter	انقباض
engorgement	/ɪn- 'gɔ(ə)rj/	noun	The suck of blood	تراکم خون
elation	/i- 'lā-shən/	noun	pathological euphoria sometimes accompanied by intense pleasure	سرخوشی
bearing	/beər-ɪŋ/	noun	connection to or influence on a result	اثر
imagery	/ɪm-ɪdʒ-ri/	noun	the use of pictures or words to create images, esp. to create an impression or mood	تصورات
mediate	/mɪd-i- 'eɪt/	verb	to help solve a disagreement by talking to the separate people or groups involved	میانجی گری
Ample	/æm- 'pəl/	adjective	enough, or more than enough, or (esp. of body size) large	بیش از اندازه
guilt	/gɪlt/	noun	the fact or state of having done something wrong or committed a crime	جرم
versus	/vɜr- 'səs/	preposition	(used to show the names of two teams or sides) against	در مقابل
prolong	/prə- 'lɒŋ/	verb	to make something last a longer time	طولانی کردن
implicate	/ɪm- 'plə- kāt/	verb	Closely connected	مرتبط بودن
Represent	/rep- 'rɪ- zent/	verb	to show or describe something, or to be a sign or symbol of something	نمایاندن
Medulla	/mē- 'də-lə/	noun	the inner or deep part of an animal or plant structure	مغز
cortex	/kɔr- 'teks/	noun	the outer layer of an organ in the body	قشر
Respiration	/res- 'pə- rā-shən/	noun	the act or process of breathing	تنفس
Sigh	/saɪ/	verb	to breathe out a deep breath that can be heard, esp. because you are tired, sad, pleased, or bored	آه کشیدن
Abdominal	/ab- 'də- mən/	Adjective	Related to abdomen	شکمی
Accurately	/æk- 'jər- ət- li/	Adverb	Correctly and exactly	به درستی
Recurrent	/rɪ 'kɜr- ənt/	adjective	Happening again or many times	راجعه

Edema	/i- 'dē-mə/	Noun	an abnormal infiltration and excess accumulation of serous fluid in connective tissue or in a serous cavity	ادم
Excessive	/ek 'ses.IV/	Adjective	too much	مفرط
Dyspnea	/dis(p)-nē-ə ' /	noun	difficult or labored respiration	تنگی نفس
Expiration	/ek-spə 'rei-fən /	noun	Breathing out	بازدم
Wheezing	/hwēz ' /	noun	Breathing loudly and with difficulty	خس خس
Cough	/kɒf/	verb	to force air out of your lungs through your throat with a short, loud sound, often unwillingly	سرفه کردن
Vital	/vī-təl ' /	adjective	needed by your body in order to keep living	حیاتی
Tense	/tens/	adjective	anxious, unable to relax	عصبی
Interface	/ɪn-tər feɪs ' /	noun	a connection between two computers or between a person and a computer	وجه مشترک
Hostility	/hɒs 'tɪ-lɪ-tɪ/	noun	Strong dislike	دشمنی
Intimate	/ɪn-tə-mət ' /	adjective	expert and detailed	دقیق
Remission	/rɪ 'mɪʃ-ən/	noun	a period of time when an illness is less severe	بهبود بیماری
Exacerbation	/ɪg 'zæs-ər beɪt/	Noun	Aggravation	تشدید
Comprehensive	/kəm-prə 'hen-sɪv ' /	adjective	including everything that is necessary	فراگیر
Uniqueness	/ju 'nik-nəs/	noun	the only existing one of its type	یکتایی
Approach	/ə 'proutʃ/	noun	Coming near	نزدیک بودن
Acute	/ə 'kjut/	adjective	severe conditions, illnesses, or injuries that need immediate care	حاد
Mainstay	/meɪn steɪ ' /	noun	the most important part of something	تکیه گاه اصلی
Ventilation	/ven-təl 'eɪ-fən /	noun	to cause fresh air to enter and move around an enclosed space	تهویه
Reassurance	/ri:.ə 'ʃɔ: .rəns ' /	noun	words of advice and comfort intended to make someone feel less worried	اطمینان مجدد
Resistance	/rɪ 'zɪs-təns/	noun	is the degree to which a substance prevents the flow of electricity through it	مقاومت
Drop out	/drɒp/	Phrasal verb	Leave	ترک کردن
Uncover	/ʌn 'kʌv-ər/	verb	Reveal	معلوم کردن
Ailment	/eɪl-mənt ' /	noun	illness or health problem	بیماری
Regimen	/redʒ-ə-mən ' /	noun	a set of rules about	پرهیز غذایی

			food, exercise, or behavior that you follow	
Crucial	/kruːʃəl/	adjective	extremely important because many other things depend on it	وخیم
Stabilize	/steɪˈbeɪləɪz/	verb	to cause something to become fixed and stop changing	تثبیت کردن
Diet	/daɪˈɪt/	noun	the food and drink usually taken by a person or group	رژیم غذایی
Bronchodilator	brənʃ-()kō-dīˈlā- / /tər	noun	a drug that relaxes bronchial muscle	متسع کننده برونش ها
Brief	/brɪf/	adjective	containing few words	خلاصه
Distress	/dɪˈstres/	noun	great mental or physical suffering	پریشانی
Circumstance	/sɜːkəmˈstæns/	noun	an event or condition connected with what is happening	شرایط
Interfere	/ɪnˈtɛrˈfɪər/	verb	to involve yourself in matters connected with other people without being asked or needed	دخالت کردن
Distinction	/dɪˈstɪŋkʃən/	noun	Difference	تمایز
Cope	/kəʊp/	verb	Deal with	از عهده برآمدن
Anticipatory	/ænˈtɪsɪˈpeɪt/	adjective	Happening of sth	منتظر
Remit	/rɪˈmɪt/	verb	to cancel or free someone from	فرو نشانیدن
Empathy	/emˈpəθi/	noun	the ability to share someone else's feelings	همدلی
Trend	/trend/	noun	the general direction of changes or developments	روند
Obstacle	/ɒbˈstækl/	noun	something that blocks your way	مانع
Undergo	/ʌnˈdərˈɡəʊ/	verb	to experience something that is unpleasant	متحمل شدن
Ancient	/eɪnˈʃənt/	adjective	of or from a very long time ago	باستانی
Predispose	/prɪdɪˈspəʊz/	verb	to influence someone to behave or think in a particular way	زمینه را مهیا ساختن
Subsume	/səbˈsʌm/	verb	to include something in a larger group	شامل کردن
Gallbladder	/gɒlˈblædər/	noun	the organ in the body in which bile from the liver is stored	کیسه صفرا
Elucidate	/ɪˈluːsiˈdeɪt/	verb	to explain or make clear	شفاف سازی
Conflict	/kɒnˈflɪkt/	noun	an active disagreement	تعارض
Ulcer	/ʌlˈsər/	noun	a sore on the skin or inside the body that will not heal without treatment	زخم
Hypnosis	/hɪpˈnəʊsɪs/	noun	an artificially produced state of	هیپنوتیزم

			mind similar to sleep	
Abundant	/əˈbʌndənt/	adjective	more than enough	فراوان
Saliva	/səˈlɪvə/	noun	the liquid produced in your mouth	بزاق
Intense	/ɪnˈtens/	adjective	Extreme	شدید
Compound	/kəmˈpaʊnd/	noun	a mixture of two or more different parts or elements	ترکیب
Barrier	/bæriˈər/	noun	anything used or acting to block	سد
Rational	/ræʃənəl/	adjective	showing clear thought or reason	عقلانی
Traumatic	/trauˈmætɪk/	adjective	Relating to an injury	آسیب‌زا
Widespread	/waɪdˈspred/	adjective	existing or happening in many places or among many people	منتشر
Repercussion	/riˈpərˌkʌʃən/	noun	the usually bad effect of an event, action, or decision	پیشگیری
Nurture	/nɜːtʃər/	verb	to feed and care for a child	تربیت کردن
Compensate	/kəmˈpænˌseɪt/	verb	to take the place of something useful or needed with something else of similar value	تعویض کردن
Armor	/ɑːrmər/	noun	strong covering that protects a person, animal, or vehicle	زره
Somatization	/sō-mə-təˈzā-shən/	noun	conversion of a mental state (as depression or anxiety) into physical symptoms	جسمانی کردن
Vanish	/vænɪʃ/	verb	Disappear	ناپدید شدن
Anorexia nervosa	/nərˈvɔːsə, -zə(,) /	noun	a serious disorder in eating behavior	بی‌اشتهایی عصبی
Bulimia nervosa	/nərˈvɔːsə, -zə(,) /	noun	a serious eating disorder that occurs chiefly in females	گرسنگی عصبی
Distinguish	/dɪˈstɪŋˌɡwɪʃ/	verb	understand the difference	تمایز دادن
Hence	/hens/	adverb	Therefore	بنابراین
Controversial	/kənˈtrɔːvɜːʃəl/	adjective	causing or likely to cause disagreement	بحث‌انگیز
Desensitization	/diˌsen.sɪ.taɪˈzeɪ.ʃən/	noun	usually an emotion or a pain, less strongly than before	حساسیت‌زدایی
Accompany	/əˈkʌmpəni/	verb	to go with someone or to exist at the same time as something	ضمیمه کردن

(Chapter six)

word	pronunciation	Part of speech	definition	meaning
realm	/reɪlm/	noun	an area of interest or activity	حوزه
expression	/ɪk'spreʃ.ən/	noun	the act of saying what you think or showing how you feel using words or actions	بیان، کلمه‌بندی
efficacy	/ɪf.ɪ.kə.sɪ/	noun	the ability, especially of a medicine or a method of achieving something, to produce the intended result	تأثیر، سودمندی، درجه تأثیر
remarkably	/rɪ'mɑ:kə.bli/	adverb	used for emphasizing how surprising or unusual something is	قابل ملاحظه
remedy	/rem.ə.di/	noun	a successful way of curing an illness or dealing with a problem or difficulty	درمان، چاره
mainstream	/meɪn.stri:m/	adjective	considered normal, and having or using ideas, beliefs, etc. that are accepted by most people	مسیر اصلی،
maintenance	/meɪn.tɪ.nəns/	noun	the work needed to keep a road, building, machine, etc. in good condition	نگهداری، تعمیر
constitute	/kən.stɪ.tju:t/	verb	to form or make something	تشکیل دادن، تاسیس کردن، ترکیب کردن
deny	/di'naɪ/	verb	to say that something is not true	انکار کردن، رد کردن، تکذیب کردن
conventional	/kən'ven.ʃən.əl/	adjective	traditional and ordinary	عرفی، قراردادی. مرسوم
acknowledge	/ək'nɒl.ɪdʒ/	verb	to accept, admit, or recognize something, or the truth or existence of something	اعتراف کردن، تصدیق کردن
applicable	/ə'plɪk.ə.bl/	adjective	affecting or relating to a person or thing	قابل اجراء
purported	/pə'pɔ:tid/	adjective	that has been stated to be true or to have happened, although this may not be the case	ادعا
heal	/hi:l/	verb	to make or become well again, especially after a cut or other injury	شفا دادن، خوب کردن، التیام دادن
promote	/prə'məʊt/	verb	to encourage people to like, buy, use, do, or support something	ترقیع دادن، ترقی دادن، ترویج کردن
violate	/vaɪə.leɪt/	verb	to break or act against something, especially a law, agreement, principle, or something that should be treated with respect	شکستن، نقض کردن،

ingredient	<i>/ɪnˈɡriː.di.ənt/</i>	noun	one of the parts of something successful	اجزاء، ذرات، عناصر
hazardous	<i>/'hæz.ə.dəs/</i>	adjective	dangerous	پرخطر
purify	<i>/'pjʊə.rɪ.faɪ/</i>	verb	to remove bad substances from something to make it pure	اک کردن، تصفیه کردن
vast	<i>/vɑːst/</i>	adjective	extremely big	پهناور، وسیع
contaminate	<i>/kənˈtæm.ɪ.neɪt/</i>	verb	to make something less pure or make it poisonous	الودن
adequate	<i>/'æd.ə.kwət/</i>	adjective	enough or satisfactory for a particular purpose	کافی،
substitute	<i>/'sʌb.stɪ.tjuːt/</i>	verb	to use something or someone instead of another thing or person	جانشین کردن. جابجا کردن
evolve	<i>/ɪˈvɒlv/</i>	verb	to develop gradually, or to cause something or someone to develop gradually	نمو کردن
prove	<i>/pruːv/</i>	verb	to show a particular result after a period of time	ثابت کردن
emphasis	<i>/'em.fə.sɪs/</i>	noun	the particular importance or attention that is given to something	تاکید، اهمیت
invasive	<i>/ɪnˈveɪ.sɪv/</i>	adjective	moving into all areas of something and difficult to stop	مهاجم
concerned	<i>/kənˈsɜːnd/</i>	adjective	worried	نگران بودن
prescription	<i>/'prɪˈskrɪp.ʃən/</i>	noun	a piece of paper on which a doctor writes the details of the medicine or drugs that someone needs	نسخه
paucity	<i>/'pɔː.sɪ.ti/</i>	noun	the fact that there is too little of something	اندک، قلت، کمیابی، ندرت
equivalent	<i>/'ɪkwɪv.əl.ənt/</i>	noun	something that has the same amount, value, purpose, qualities, etc. as something else:	معادل، هم بها، برابر
penetrate	<i>/'pen.ɪ.treɪt/</i>	verb	to move into or through something	نفوذ کردن در، بداخل سرایت کردن، رخنه کردن
impact	<i>/'ɪm.pækt/</i>	noun	the force or action of one object hitting another	با شدت اصابت کردن، اصابت
purchase	<i>/'pɜː.tʃəs/</i>	verb	to buy something	خرید، خریداری کردن
alliance	<i>/əˈlaɪ.əns/</i>	noun	an agreement to work with someone else to try to achieve the same thing	پیوستگی، اتحاد

readjust	<i>/ˌriː.əˈdʒʌst/</i>	verb	to change in order to fit a different situation, or to repair something slightly	تنظیم مجدد
harness	<i>/'hɑː.nəs/</i>	noun	a piece of equipment with straps and belts, used to control or hold in place a person, animal, or object	افسار، دهنه
thwart	<i>/θwɔːt/</i>	verb	to stop something from happening or someone from doing something	خنثی کردن، حائل کردن
combine	<i>/kəmˈbaɪn/</i>	verb	to (cause to) exist together, or join together to make a single thing or group	ترکیب کردن، ملحق شدن، متحد شدن
perceive	<i>/pəˈsiːv/</i>	verb	to come to an opinion about something, or have a belief about something	درك کردن، دریافتن
valid	<i>/'vælɪd/</i>	adjective	based on truth or reason; able to be accepted	معتبر، صحیح
demonstrate	<i>/'dem.ən.streɪt/</i>	verb	to show or make make something clear	ثبات کردن (با دلیل)، نشان دادن، شرح دادن
diminish	<i>/dɪˈmɪn.ɪʃ/</i>	verb	to reduce or be reduced in size or importance	م شدن، نقصان یافتن، تقلیل یافتن
proponent	<i>/prəˈpəʊ.nənt/</i>	noun	a person who speaks publicly in support of a particular idea or plan of action	استدلال کننده، توضیح دهنده، طرفدار
cite	<i>/saɪt/</i>	verb	to mention something as proof for a theory or as a reason why something has happened	ذکر کردن، اتخاذ سند کردن، گفتن
contend	<i>/kənˈtend/</i>	verb	to say that something is true or is a fact	ادعا کردن
subsequent	<i>/'sʌb.sɪ.kwənt/</i>	adjective	happening after something else	دیرتر، متعاقب
convinced	<i>/kənˈvɪnst/</i>	adjective	certain	
extrapolate	<i>/'ɪkˌstræp.ə.leɪt/</i>	verb	to guess or think about what might happen using information that is already known	از روی قرائن و پیش بینی کردن، قیاس کردن، استقراء نمودن
postpone	<i>/pəʊstˈpəʊn/</i>	verb	to delay an event and plan or decide that it should happen at a later date or time	عقب انداختن، بتعویق انداختن
reveal	<i>/'riːvi:l/</i>	verb	to make known or show something that is surprising or that was previously secret	اشکار کردن، فاش کردن، معلوم کردن
thoroughly	<i>/'θʌr.ə.li/</i>	adverb	completely, very much	اول تا آخر، بطور کامل
refute	<i>/'rɪˌfju:t/</i>	verb	to say or prove that a person, statement, opinion, etc. is wrong or	رد کردن، تکذیب کردن

			false	
fallacy	<i>/ˈfæl.ə.si/</i>	noun	an idea that a lot of people think is true but is in fact false	سفسطه، استدلال غلط
appeal	<i>/əˈpi:l/</i>	noun	a request to the public for money, information, or help	درخواست، التماس
chi	<i>/tʃi:/</i>	noun	in some systems of Chinese medicine and exercise, the most important energy that a person has	
alleged	<i>/əˈledʒd/</i>	adjective	said or thought by some people to be the stated bad or illegal thing, although you have no proof	بقول معروف
permeate	<i>/ˈpɜ:.mi.eɪt/</i>	verb	to spread through something and be present in every part of it	نفوذ کردن، سرایت کردن، نشت کردن

(chapter seven)

word	pronunciation	Part of speech	definition	meaning
thermal	<i>/ˈθɜ:.məl/</i>	adjective	connected with heat	حرارتی
favorable	<i>/ˈfeɪ.vər.ə.bl/</i>	adjective	US spelling of favourable	مطلوب
therapeutic	<i>/ˌθer.əˈpjʊ:.tɪk/</i>	adjective	causing someone to feel happier and more relaxed or to be more healthy	درمانی
inflammation	<i>/ˌɪn.fləˈmeɪ.jən/</i>	noun	a red, painful, and often swollen area in or on a part of your body	التهاب
heal	<i>/hi:l/</i>	verb	to make or become well again, especially after a cut or other injury	شفا دادن
reconstruct	<i>/ˌri:.kənˈstrʌkt/</i>	verb	to build or create again something that has been damaged or destroyed	از نو ساختن
initiate	<i>/ɪˈniʃ.i.eɪt/</i>	verb	to cause something to begin	ابتکار کردن
instance	<i>/ˈɪn.stəns/</i>	noun	a particular situation, event, or fact, especially an example of something that happens generally	نمونه
advocated	<i>/ˈæd.və.keɪt/</i>	adjective	to publicly support or suggest an idea, development, or way of doing something	مدافع
wound	<i>/wu:nd/</i>	Noun	a damaged area of the body, such as a cut or hole in the skin or flesh made by a weapon	زخم
Vas deferens	<i>/ˌvæs ˈdefərənz/</i>	Noun	the tube through which a male's sperm pass on	مجرای دفران

			the way out of the body	
fallopian	/fəˈlɒp.i.ən/	noun	either of the two tubes in a woman's body along which eggs travel from the ovaries to the womb	فالوپ
illuminate	/ɪˈluː.mɪ.neɪt/	verb	to light something and make it brighter	روشن کردن
extent	/ɪkˈstent/	noun	area or length; amount	وسعت
ultimately	/ˈʌl.tɪ.mət.li/	adverb	finally, after a series of things have happened	در نهایت
prefer	/prɪˈfɜːr/	verb	to like, choose, or want one thing rather than another	ترجیح دادن
desire	/dɪˈzaɪər/	noun	to want something, especially strongly	میل
advantage	/ədˈvɑːn.tɪdʒ/	noun	a condition giving a greater chance of success	مزیت
optical	/ˈɒp.tɪ.kəl/	adjective	relating to light or the ability to see	بصری
precise	/prɪˈsaɪs/	adjective	exact and accurate	دقیق
predetermine	/ˌpriː.dɪˈtɜː.mɪn/	verb	to decide or arrange something at an earlier time	قبلا تعیین کردن
strand	/strænd/	Noun	a thin thread of something, often one of a few, twisted around each other to make a string or rope	ساحل
transform	/trænsˈfɔːm/	verb	to change completely the appearance or character of something or someone, especially so that that thing or person is improved	تبدیل کردن
accelerate	/əkˈsel.ə.reɪt/	verb	When a vehicle or its driver accelerates, the speed of the vehicle increases	شتاب دادن
rehabilitation	/ˌriː.həˈbɪl.ɪ.tɪt/	noun	to return someone or something to a good or healthy condition, state, or way of living	توانبخشی
pill	/pɪl/	noun	a small solid piece of medicine that a person swallows without chewing (= crushing with the teeth)	قرص
acupuncture	/ˈæk.ju.pʌŋk.tʃər/	noun	a treatment for pain or illness in which thin needles are positioned just under the surface of the skin at special points around the body	طب سوزنی
probe	/prəʊb/	noun	to try to discover information that other people do not want you to know, by asking questions carefully and not directly	پروب
demonstrate	/ˈdem.ən.streɪt/	verb	to show or make make	نشان دادن

			something clear	
thereby	/ ðeə baɪ/	adverb	as a result of this action	بدان وسیله
penetration	/ pen.ɪ treɪ.jən/	noun	a movement into or through something or someone	نفوذ
substantially	/səb' stæn.jəl.i/	adverb	to a large degree	قابل ملاحظه
apparatus	/ æp.ə reɪ.təs/	noun	a set of equipment or tools or a machine that is used for a particular purpose	دستگاه
portable	/ pɔː.tə.bl/	adjective	light and small enough to be easily carried or moved	قابل حمل
cauterize	/ kɔː.tər.aɪz/	verb	to burn an injury to stop bleeding and prevent infection	داغ کردن
claim	/kleɪm/	noun	to say that something is true or is a fact, although you cannot prove it and other people might not believe it	ادعا
hinder	/ 'hɪn.dər/	Noun	to limit the ability of someone to do something, or to limit the development of something	مانع
photochemical	/ fəʊ.təʊ' kem.ɪ.kəl/	adjective	relating to the effect of light on some chemicals	فتوشیمیایی
ailing	/ 'eɪ.lɪŋ/	adjective	experiencing difficulty and problems	مریض
Amplification	/ æm.plɪ.fɪ keɪ.jən/	noun	Amplification makes music or other sounds louder	تقویت
spectrum	/ 'spek.trəm/	Noun	the set of colours into which a beam of light can be separated, or a range of waves, such as light waves or radio waves	بینایی
polarize	/ 'pəʊ.lə.raɪz/	verb	to cause something, especially something that contains different people or opinions, to divide into two completely opposing groups	متقارن کردن
convert	/kən'vɜ:t/	verb	to (cause something or someone to) change in form or character	تبدیل کردن
infrared	/ ɪn.frə'red/	Adjective noun	Infrared light is a type of light that feels warm but cannot be seen	فرو سرخ
Acute	/ə'kju:t/	adjective	If a bad situation is acute, it causes severe problems or damage	حاد
Conventional	/kən'ven.jən.əl/	adjective	traditional and ordinary	معمولی
Crush	/krʌʃ/	noun	to press something very hard so that it is broken or its shape is destroyed	له شدن
Peripheral	/pə'rɪf.ər.əl/	adjective	Something that is peripheral is not as	جنبی

			important as something else	
Beam	/bi:m/	noun	a line of light that shines from a bright object	پرتو
Credit	/'kred.ɪt/	noun	praise, approval, or honour	اعتبار
Emission	/ɪ'mɪʃ.ən/	noun	the act of sending out gas, heat, light, etc	نشر
addicted	/ə'dɪk.tɪd/	adjective	unable to stop taking drugs, or doing something as a habit	معتاد
coherent	/kəʊ'hɪə.rənt/	adjective	If an argument, set of ideas, or a plan is coherent, it is clear and carefully considered, and each part of it connects or follows in a natural or reasonable way	چسبیده
motion	/'məʊ.ʃən/	noun	the act or process of moving, or a particular action or movement	حرکت
absorption	/əb'zɔ:p.ʃən/	noun	the process of taking something into another substance	جذب
shallow	/'ʃæl.əʊ/	adjective	having only a short distance from the top to the bottom	کم عمق
goggles	/'gɒɡ.lz/	noun	special glasses that fit close to the face to protect the eyes from chemicals, wind, water, etc	عینک ایمنی
vital	/'vaɪ.təl/	adjective	necessary for the success or continued existence of something; extremely important	حیاتی
widespread	/'waɪd'spred/	adjective	existing or happening in many places and/or among many people	گسترده
shrink	/'ʃrɪŋk/	noun	to become smaller, or to make something smaller	پزشک دیوانگان
penile	/'piː.naɪl/	adjective	relating to the penis	التی
vulva		noun		مادگی
bleeding		noun		خون ریزی
trachea		noun		نای
approximately		adverb		تقریباً
assistance		noun		کمک
Pull out	/'vʌl.və/	adverb	the parts of the female sex organs that are outside the body	ترک کردن

word	pronunciation	Part of speech	definition	meaning
miracle	<i>/'mɪr.ɪ.kl/</i>	noun	a very lucky event that is surprising and unexpected	واقعه شگفت انگیز، چیز عجیب
invest	<i>/ɪn'vest/</i>	verb	to put money, effort, time, etc. into something to make a profit or get an advantage	سرمایه گذاری
wedding	<i>/'wed.ɪŋ/</i>	noun	a marriage ceremony and any celebrations such as a meal or a party that follow it	عروسی
scale	<i>/skeɪl/</i>	noun	a set of numbers, amounts, etc., used to measure or compare the level of something	مقیاس
aim	<i>/eɪm/</i>	noun	a result that your plans or actions are intended to achieve	هدف، مقصد
illuminated	<i>/ɪ'luː.mɪ.neɪ.tɪd/</i>	adjective	An illuminated text is decorated with added colour, gold paint, and small pictures, as was often done in the Middle Ages	موضوعی را روشن کردن
glow	<i>/gləʊ/</i>	verb	to produce a continuous light and sometimes heat	تابیدن، تابش
indication	<i>/'ɪn.dɪ'keɪ.ʃən/</i>	noun	a sign that something exists, is true, or is likely to happen	نشان، اشاره، دلالت
specimen	<i>/'spes.ə.mɪn/</i>	noun	something shown or examined as an example; a typical example	نمونه
literally	<i>/'lɪt.ər.əl.i/</i>	adverb	using the real or original meaning of a word or phrase	معنی اصلی
suspend	<i>/sə'spend/</i>	verb	to stop something from being active, either temporarily or permanently	اویزان شدن یا کردن، معلق کردن
arrange	<i>/ə'reɪndʒ/</i>	verb	to put a group of objects in a particular order:	ترتیب دادن، اراستن، چیدن

spoke	/spəʊk/	noun	any of the rods that join the edge of a wheel to its centre, so giving the wheel its strength	پره چرخ
drop	/drɒp/	noun	a small round-shaped amount of liquid	قطره، چکه
rodent	/ˈrəʊ.dənt/	noun	any of various small mammals with large, sharp front teeth, such as mice and rats	جانور جونده
emit	/ɪˈmɪt/	verb	to send out a beam, noise, smell, or gas	بیرون دادن، خارج کردن، بیرون ریختن
crucial	/ˈkruː.ʃəl/	adjective	extremely important or necessary	وخیم، بسیار سخت
interfere	/ˌɪn.təˈfɪər/	verb	to involve yourself in a situation when your involvement is not wanted or is not helpful	خالت کردن، پامیان گذاردن، مداخله کردن
troublesome	/ˈtrʌb.l.səm/	adjective	causing a lot of problems for someone	پرزحمت، سخت
temporary	/ˈtem.pər.ər.i/	adjective	not lasting or needed for very long	موقتی، انی، زود گذر
multidisciplinary	/ˌmʌl.tɪ.dɪs.əˈplɪn.ər.i/	adjective	involving different subjects of study in one activity	چند رشته ای
expertise	/ˌek.spɜːˈtiːz/	noun	a high level of knowledge or skill	تخصص
property	/ˈprɒp.ə.ti/	noun	a quality in a substance or material, especially one that means that it can be used in a particular wa	خاصیت، ویژگی
manipulate	/məˈnɪp.jʊ.leɪt/	verb	to control something or someone to your advantage, often unfairly or dishonestly	دستکاری کردن، بامهارت انجام دادن، اداره کردن
quantify	/ˈkwɒn.tɪ.faɪ/	verb	to measure or judge the size or amount of something	کمیت را تعیین کردن
accurate	/ˈæk.jʊ.rət/	adjective	correct, exact, and without any mistakes	قیق، صحیح. درست

drawback	/ˈdrɔː.bæk/	noun	a disadvantage or the negative part of a situation	اشکال، مانع، زیان
non-invasive	/ˌnɒn.ɪnˈveɪ.sɪv/	adjective	relating to any medical test or treatment that does not cut the skin or enter any of the body spaces	غیر تهاجمی
illustration	/ˌɪl.əˈstreɪ.ʃən/	noun	a picture in a book, magazine, etc. or the process of illustrating something	مثال، تصویر
flesh	/fleʃ/	noun	the soft part of the body of a person or animal that is between the skin and the bones, or the soft inside part of a fruit or vegetable	گوشت، مغز میوه
combat	/kəmˈbæt/	verb	to try to stop something unpleasant or harmful from happening or increasing	مبارزه کردن
diverse	/daɪˈvɜːs/	adjective	including many different types of people or things	گوناگون، مختلف
oath	/əʊθ/	noun	a promise, especially that you will tell the truth in a law court	پیمان، سوگند
deceptive	/dɪˈsep.tɪv/	adjective	making you believe something that is not true	فریبنده، گول زننده
curious	/ˈkjʊə.ri.əs/	adjective	strange and unusual	نادر، غریب
identification	/aɪˌden.tɪ.fɪˈkeɪ.ʃən/	noun	the act of recognizing and naming someone or something	شناسایی
corresponding	/ˌkɒr.ɪˈspɒn.dɪŋ/	adjective	similar to, connected with, or caused by something else	متناظر، مربوط به
innate	/ɪˈneɪt/	adjective	An innate quality or ability is one that you were born with, not one you have learned	ذاتی، فطری

(Chapter nine)

word	pronunciation	Part of speech	definition	meaning
Application	/ˌæp.lɪˈkeɪ.ʃən/	<i>noun</i>	an official request for something, usually in writing	درخواست-برنامه
communicate	/kəˈmjuː.nɪ.keɪt/	<i>verb</i>	to share information with others by speaking, writing, moving your body, or using other signals	گفتگو کردن-ارتباط برقرار کردن
Increase	/ɪnˈkriːs/	<i>verb</i>	to (make something) become larger in amount or size	افزایش دادن
Challenge	/ˈtʃæl.ɪndʒ/	<i>verb</i>	(the situation of being faced with) something that needs great mental or physical effort in order to be done successfully and therefore tests a person's ability	بمبارزه طلبیدن
Network	/ˈnet.wɜːk/	<i>noun</i>	a large system consisting of many similar parts that are connected together to allow movement or communication between or along the parts, or between the parts and a control centre	شبکه
Terminology	/ˌtɜː.mɪˈnɒl.ə.dʒi/	<i>noun</i>	special words or expressions used in relation to a particular subject or activity	مطالعه اصطلاحات فنی
Concept	/ˈkɒn.sept/	<i>noun</i>	a principle or idea	فکر-عقیده
Configure	/kənˈfɪg.ər/	<i>verb</i>	to arrange something or change the controls on a computer or other device so that it can be used in a particular way	ترتیب دادن
Arrangement	/əˈreɪndʒ.mənt/	<i>noun</i>	a plan for how something will happen	ترتیب-نظم
Temporary	/ˈtem.pər.ər.i/	<i>adjective</i>	not lasting or needed for very long	موقت
Element	/ˈel.ɪ.mənt/	<i>noun</i>	a part of something	عنصر
Distribute	/dɪˈstrɪb.juːt/	<i>verb</i>	to give something out to several people, or to spread or supply something	پخش کردن
Supply	/səˈplaɪ/	<i>verb</i>	to provide something that is wanted or needed, often in large quantities and over a long period of time	تولید کردن
Industry	/ˈɪn.də.stri/	<i>noun</i>	the companies and activities involved in the process of producing goods for sale, especially in a factory or special area	صنعت
Proliferate	/prəˈlɪf.ər.eɪt/	<i>verb</i>	to increase a lot and suddenly in number	زیاد شدن
Exception	/ɪkˈsep.ʃən/	<i>noun</i>	someone or something that is not included in a rule, group, or list or that does not behave in the expected way	اعتراض
Participant	/pɑːˈtɪs.ɪ.pənt/	<i>noun</i>	a person who takes part in or becomes involved in a particular activity	شریک
Dermatology	/ˌdɜː.məˈtɒl.ə.dʒi/	<i>noun</i>	the scientific study of the skin and its diseases	مطالعه بیماری های پوستی
Consult	/kənˈsʌlt/	<i>verb</i>	to get information or advice from a person, book, etc. with special knowledge on a particular subject	مشورت کردن
Conductive	/kənˈdʌk.tɪv/	<i>adjective</i>	A conductive substance allows heat	سودمند

			or electricity to go through it	
Psychiatry	/saɪ'kaɪə.tri/	<i>noun</i>	the part of medicine that studies mental illness	روانپزشکی
Rehabilitation	/-ˌbiː.lɪ'teɪ.ʃən/	<i>noun</i>	a drug rehabilitation clinic the rehabilitation of derelict buildings	نوسازی
Obstetric	/ɒb'stɛt.rɪk/	<i>adjective</i>	relating to the area of medicine that deals with pregnancy and the birth of babies	زایمانی
Gynecology	/ˌɡaɪ.nə'kɒl.ə.dʒi/	<i>noun</i>	the area of medicine that involves the treatment of women's diseases, especially those of the reproductive organs	مطالعه بیماری های زنانه
Peripheral	/pə'rɪf.ər.əl/	<i>adjective</i>	Something that is peripheral is not as important as something else	محیطی
Otoscope		<i>noun</i>		گوشبین
Stethoscope	/'steθ.ə.skəʊp/	<i>noun</i>	a piece of medical equipment that doctors use to listen to your heart and lungs	گوشی طبی
Combine	/kəm'baɪn/	<i>verb</i>	to (cause to) exist together, or join together to make a single thing or group	ترکیب کردن
Prevalent	/'prev.əl.ənt/	<i>noun</i>	existing very commonly or happening often	رایج
Advantage	/əd'vɑːn.tɪdʒ/	<i>noun</i>	a condition giving a greater chance of success	سود-فایده
Accessible	/ək'ses.ə.bl/	<i>adjective</i>	able to be reached or easily got	دست یافتنی
Alleviate	/ə'liː.vi.eɪt/	<i>verb</i>	to make something bad such as pain or problems less severe	آرام کردن-کم کردن
Prohibitive	/prə'hɪb.ɪ.tɪv/	<i>adjective</i>	If the cost of something is prohibitive, it is too expensive for most people	گران
Associate	/ə'səʊ.si.eɪt/	<i>verb</i>	to connect someone or something in your mind with someone or something else	وابسته کردن-پیوستن
Practitioner	/præk'tɪʃ.ən.ər/	<i>noun</i>	someone involved in a skilled job or activity	طبيب-وکیل
Opportunity	/'ɒp.ə'tjuː.nə.ti/	<i>noun</i>	an occasion or situation that makes it possible to do something that you want to do or have to do, or the possibility of doing something	فرصت
Appear	/ə'piər/	<i>verb</i>	to start to be seen or to be present	
stretch	/stretʃ/	<i>verb</i>	to cause something to reach, often as far as possible, in a particular direction	ظاهر شدن
Diagnosis	/'daɪ.əg'nəʊ.sɪs/	<i>verb</i>	a judgment about what a particular illness or problem is, made after examining it	تشخیص
Status	/'steɪ.təs/	<i>noun</i>	an accepted or official position, especially in a social group	وضعیت
Notify	/'nəʊ.tɪ.faɪ/	<i>verb</i>	to tell someone officially about something	آگاه ساختن
Innovation	/'ɪn.ə'veɪ.ʃən/	<i>noun</i>	(the use of) a new idea or method	ابداع
Encounter	/'ɪn'kaʊn.tər/	<i>verb</i>	a meeting, especially one that happens by chance	روبه رو شدن
Dazzle	/'dæz.l/	<i>verb</i>	If light dazzles you, it makes you unable to see for a short time	خیره کردن
utilize	/'juː.tɪ.laɪz/	<i>verb</i>	to use something in an effective way	استفاده کردن
Require	/'rɪ'kwaɪər/	<i>verb</i>	to need something or make something necessary	نیاز داشتن
Viable	/'vaɪ.ə.bl/	<i>adjective</i>	able to work as intended or able to succeed	قابل دوام-زنده ماندنی
Expenditure	/'ɪk'spen.dɪ.tʃər/	<i>noun</i>	the total amount of money that a	هزینه-مصرف-پرداخت

			government or person spends	
Accurate	/ 'æk.jʊ.rət/	<i>adjective</i>	correct, exact, and without any mistakes	صحيح-دقیق
Confidence	/ 'kɒn.fɪ.dəns/	<i>noun</i>	the quality of being certain of your abilities or of having trust in people, plans, or the future	اعتماد-اطمینان
Accomplish	/ ə 'kʌm.plɪʃ/	<i>verb</i>	to finish something successfully or to achieve something	انجام دادن
Equipment	/ ɪ 'kwɪp.mənt/	<i>noun</i>	the set of necessary tools, clothing, etc. for a particular purpose	تجهيزات
Conduct	/ kən 'dʌkt/	<i>noun</i>	to organize and perform a particular activity	اداره کردن
Acquiesce	/ 'æk.wi 'es/	<i>verb</i>	to accept or agree to something, often unwillingly	موافقت کردن
Demand	/ dɪ 'mɑːnd/	<i>noun</i>	to ask for something forcefully, in a way that shows that you do not expect to be refused	درخواست
Narrow	/ 'nær.əʊ/	<i>adjective</i>	having a small distance from one side to the other, especially in comparison with the length	تنگ-باریک
Emerge	/ ɪ 'mɜːdʒ/	<i>verb</i>	to appear by coming out of something or out from behind something	بیرون آمدن
Synchronous	/ 'sɪŋ.krə.nəs/	<i>adjective</i>	happening or done at the same time or speed	هم زمان
Asynchronous	/ eɪ 'sɪŋ.krə.nəs/	<i>adjective</i>	not happening or done at the same time or speed	غیر هم زمان
Convenient	/ kən 'viː.ni.ənt/	<i>adjective</i>	suitable for your purposes and needs and causing the least difficulty	مناسب
Virtual	/ 'vɜː.tʃu.əl/	<i>adjective</i>	almost a particular thing or quality	مجازی-واقعی
Collaborate	/ kə 'læb.ə.reɪt/	<i>verb</i>	to work with someone else for a special purpose	باهم کار کردن
Interpretation	/ ɪn tɜː.pri 'teɪ.jən/	<i>noun</i>	an explanation or opinion of what something means	شرح-بیان-تفسیر
Survival	/ sə 'vaɪ.vəl/	<i>noun</i>	the fact of a person, organization, etc. continuing to live or exist	بقا
Approach	/ ə 'prəʊtʃ/	<i>verb</i>	a way of considering or doing something	نزدیک شدن
Facility	/ fə 'sɪl.i.ti/	<i>noun</i>	a place, especially including buildings, where a particular activity happens	سهولت-امکان-وسيله
Consumer	/ kən 'sjʊː.mər/	<i>noun</i>	a person who buys goods or services for their own use	مصرف کننده
Staff	/ stɑːf/	<i>noun</i>	the group of people who work for an organization	پرسنل
Abandon	/ ə 'bæn.dən/	<i>verb</i>	to leave a place, thing, or person, usually for ever	ترک گفتن
Grant	/ grɑːnt/	<i>verb</i>	to give or allow someone something, usually in an official way	اهدا کردن
Amemable		<i>adjective</i>		متمايل-تابع
Enormous	/ ɪ 'nɔː.məs/	<i>adjective</i>	extremely large	بزرگ-عظیم
Initiative	/ ɪ 'nɪʃ.ə.tɪv/	<i>noun</i>	a new plan or process to achieve something or solve a problem	ابتکار
Aim	/ eɪm/	<i>verb</i>	a result that your plans or actions are intended to achieve	دانشتن
Instant	/ ɪn.stənt/	<i>noun</i>	an extremely short period of time	فورا
Gadget	/ 'gædʒ.ɪt/	<i>noun</i>	a small device or machine with a particular purpose	ابزار

(Chapter 10)

word	pronunciation	Part of speech	definition	meaning
Led	/led/	V	past simple and past participle of lead	زمان گذشته ساده فعل Lead
corresponding	/ˌkɒr.ɪˈspɒn.dɪŋ/	adj	to, connected similar with, or caused by something else	متناظر، مکاتبه کننده
donor	/ˈdɒn.ər/	N	a person who gives some of their blood or a part of their body to help someone who is ill	دهنده، بخشنده
therapy	/ˈθerəpi/	N	a treatment that helps someone feel better, grow stronger, etc., especially after an illness	(پزشکی) درمان، معالجه، مداوا
artificial	/ɑːrtəˈfɪʃl/	Adjective	made by people, often as a copy of something natural	مصنوعی، ساختگی
-xeno				پیشوند بیگانه، غریبه، اجنبی
shortage	/ʃɔːrtədʒ/	Noun	a situation in which there is not enough of something	کسری، کمبود
infancy	/ˈɪnfənsi/	N	the time when someone is a baby or a very young child	کودکی، بچگی، نخستین دوره رشد
following	/fɒləʊɪŋ/	N	a group of people who support, admire, or believe in a particular person, group, or idea	تعقیب، پیروی
attempt	/əˈtempt/	n. v	to try to do something, especially something difficult	کوشش کردن، قصد کردن
initially	/ɪˈnɪʃli/		at the beginning	در آغاز، در ابتدا
schedule	/ˈskedʒʊl/	N . v	a list of planned activities or things to be done showing the times or dates when they are intended to happen or be done	برنامه زمانی، زمان بندی کردن
progress	/ˈprɒːgres/	n. v	to an movement improved or more developed state, or to	پیشرفت کردن، پیشرفت،

			a forward position	
incentive	/ɪn'sentɪv/	N	something that encourages a person to do something	انگیزه، فتنه انگیز
financial	/fə'nænsɪl/	adj	to money or relating how money is managed	مالی، پولی
company	/kəm'pəni/	V . n	an organization that sells goods or services in order to make money	مصاحبت کردن با، شرکت
obtain	/əb'teɪn/	V	to get something, especially by asking for it, buying it, working for it, or producing it from something else	بدست آوردن، فراهم کردن، گرفتن
patent	/pə'tent/	N	the official legal right to make or sell an invention for a particular number of years	اشکار، دارای حق امتیاز، امتیازی
sequencing	/si:'kwənsɪŋ/	Adj	the process of deciding or discovering the order in which things are combined	ترتیب گذاری، ترتیب دهی
millennium	/mə'leniəm/	N	a period of 1,000 years, or the time when a period of 1,000 years ends	هزار سال، هزارمین سال
fiction	/fɪkʃn/	N	the type of book or story that is written about imaginary characters and events and not based on real people and facts	افسانه، قصه، داستان
viable	/vaɪəbl/	Adj	to continue to able exist as or develop into a living being	زنده ماندنی، زیست پذیر، ماندنی
utility	/ju:'tɪlɪti/	N	the usefulness of something, especially in a practical way	سودمندی، مفیدیت، سود
established	/ə'stæblɪʃt/	Adj	or accepted respected because of having existed for a long period of time	تثبیت شده، پابرجا، ریشه دار، دیرینه

adenosine		N		نوکلئوزیدی به فرمول: C 10 H 13 N 5 O 4
primate	<i>/praɪˌmet ˈ/</i>	N	a member of the most developed and intelligent group of mammals, including humans, monkeys, and apes	پیشوا، راسته پستانداران نخستین پایه
rodent	<i>/rouɪnt ˈ/</i>	N	any of various small mammals with large, sharp front teeth, such as mice and rats	جانور جوئنده (مثل موش)
sustain	<i>/səˈsteɪn/</i>	V	to cause or allow something to continue for a period of time	نگهداشتن، متحمل شدن
expression	<i>/ɪkˈsprefjən/</i>	N	the act of saying what you think or showing how you feel using words or actions	بیان، تجلی، ابراز
encoding	<i>/ɪnˈkəʊdɪŋ/</i>	V	to change something into a system for sending messages secretly, or to represent complicated information in a simple or short way	رمز گذاری
definitive	<i>/dəˈfɪnətɪv/</i>	adj	not able to be changed or improved	قطعی، قاطع، صریح
ensure	<i>/enˈʃʊr/</i>	V	to make something certain to happen	مطمئن ساختن، متقاعد کردن
stable	<i>/steɪbl ˈ/</i>	N	fixed or not firmly likely to move or change	استوار، محکم، پابرجا، ثابت،
intermittent	<i>/ɪntərˈmɪtənt ˌ/</i>	adj	not happening regularly or continuously; stopping and starting repeatedly or with periods in between	متناوب، نوبت دار
trial	<i>/traɪəl ˈ/</i>	N	a test, usually over a limited period of time, to discover how effective or suitable something or someone is	آزمایش، امتحان

islet	/aɪlɪt /	N	one of many groups of cells in the pancreas that produce hormones such as insulin	جزیره کوچک، جای پرت و دور افتاده
solid	/sɒ:ləd /	N	hard or firm, keeping a clear shape	ماده جامد
grail	/greɪl /	N	the holy grail	جام، دوری، جام شراب، هدف نهایی
conquer	/kɑ:ŋkər /	V	to deal with or successfully fight against a problem or an unreasonable fear	پیروزی یافتن بر، فتح کردن
arena	/ə'ri:nə/	N	a large, flat area surrounded by seats used for sports or entertainment	پهنه، میدان مسابقات (در روم قدیم)
acute	/ə'kju:t/	adjective	(EXTREME) If a bad situation is acute, it causes severe problems or damage	حاد، بحرانی، تیز
porcine	/pɔ:rsain /	Adjective		(جانورشناسی) وابسته بخوک
ethical	/eθɪkl /	N	to beliefs relating about what is morally right and wrong	وابسته به علم اخلاق
despite	/dɪ'spaɪt /	N	without taking any notice of or being influenced by; not prevented by	با وجود، با اینکه، کینه ورزیدن
xenograft		N		بیگانه پیوند، انیر پیوند، پیوند خارجی
triumph	/traɪəmf /	N	a very great success, achievement, or victory	پیروزی، موفقیت، کامیابی
pharmaceutical	/fɑ:rmə'su:tɪkl /	N . Adj	with the connected production of medicines	دارویی، وابسته به داروسازی
exponential	/ekspo'nentʃl /	N . adj	an containing exponent	تعریفی، تشریحی
chimerism		N		(زیست شناسی) وجود یاخته های متفاوت (از نظر ژنتیک)
judge	/dʒədʒ /	N . verb	a person who is in charge of a trial in a court and decides how a person who is guilty of a crime should be punished	قضاوت کردن، داوری کردن
endow	/en'daʊ /	V	to give a large	بخشیدن (به)، اعطا کردن (به)

			amount of money to pay for creating a college, hospital, etc. or to provide an income for it	
pioneer	/paɪəˈnɪr/	N	a person who is one of the first people to do something	پیشگام، پیشقدم
conduct	/kənˈdʌkt/	V . n	to behave in a particular way, especially in a public or formal situation, or to organize the way in which you live in a particular way	هدایت کردن، رفتار
therapeutic	/θerəˈpjʊ:tɪk/	adj	someone to causing feel happier and more relaxed or to be more healthy	درمانی، وابسته به درمان شناسی
reach	/ri:tʃ/	v	to arrive at a place, especially after spending a long time or a lot of effort travelling	رسیدن به، نائل شدن به
mutate	/mjuːˈteɪ/	V	to change from one thing or type of thing into another	تغییر دادن
distressing	/dɪˈstresɪŋ/	N	or worryingupsetting	غم فزا، پریشانی اور
monster	/mɑːnstər/	N	a cruel person	عفریت، هیولا، اعجوبه
element	/eləmənt/	N	a simple substance that cannot be reduced to smaller chemical parts	جسم بسیط، جوهر فرد
defense	/dəˈfens/	N	or support protection against attack, criticism, or infection	پدافند، دفاع، دفاع کردن
donate	/doʊˈneɪt/	V	to give money or goods to help a person or HYPERLINK "http://dictionary.cambridge.org/dictionary/british/organization" \o "organization" organization	هدیه دادن، اهدا کردن
catastrophic	/kæteˈstrɑːfɪk/	Adj	a bad situation	مصیبت بار، فاجعه انگیز

strict	/strikt' /	Adj	limiting strongly someone's freedom to behave as they wish, or likely to severely punish someone if they do not obey	سخت، اکید، سخت گیر
retinopathy	/ret.in'op.ə.θi/	N	a disease of the retina	(چشم پزشکی) بیماری تورینه
embark	/em'ba:rk/	V	to go onto a ship	عازم شدن، شروع کردن
harvest	/hɑ:rvəst' /	V	to pick and collect crops, or to collect	جمع آوری محصول
anesthetic	/ænes'θetik /	N . adj	a substance that makes you unable to feel pain	بی هوشانه، داروی بی هوشی
demand	/di'mænd /	N . v	to ask for something forcefully, in a way that shows that you do not expect to be refused	خواستار شدن، درخواست
viral	/vaɪrəl' /	adj	by a viruscaused	ویروسی، وابسته به ویروس
barrier	/bæriə' /	N	a long pole, fence, wall, or natural feature	نرده یا مانع عبور دشمن، سد
decline	/di'klaɪn/	N . v	to gradually become -less,worse, or lower to refuse	کاهش، شیب پیدا کردن، رد کردن
Co-opt	/kou'ɑ:pt' /	V	to make someone a member through the choice of the present members	بهمکاری پذیرفتن، بعنوان همقطار پذیرفتن
chimpanzee	/tʃɪm'pænzɪ /	N	a small, very intelligent African ape with black or brown fur	(جانورشناسی) میمون ادم وار، شمپانزه
indeed	/ɪn'di:d /	adverb	really or certainly	در واقع، به راستی، واقعا،
freak	/fri:k' /	N	someone who is extremely interested in a particular subject or activity	دمدمی مزاجی، وسواس
regard	/rə'gɑ:rd/	N . v	to consider or have an opinion about something or someone	ملاحظه، مراعات، ملاحظه کردن
paradoxical	/perə'dɑ:ksɪkl /	Adj	a situation or statement that seems impossible or is	تناقض آمیز، متناقض نما

			difficult to understand	
criteria	/kraɪˈtɪriə/	N	a standard by which you judge, decide about, or deal with something	جمع واژه‌ی criterion ، ملاک ها، میزان ها
evoke	/ɪˈvəʊk/	V	to make someone remember something or feel an emotion	احضار کردن، فراخواندن
puzzle	/ˈpʌzl/	N . v	a situation that is difficult to understand	گیج کردن، اشفته کردن، معما
diverge	/daɪˈvɜːrdʒənt/	V	to follow a different direction, or to be or become different	از هم دور شدن-اختلاف پیدا کردن
fraught	/frɔt/	n. adj	of unpleasant full things	پر، مملو، دارا، همراه، ملازم
controversy	/kɑːntreˈvɜːsi/	N	a lot of disagreement or argument about something	هم ستیزی، مباحثه، جدال
patron	/peɪtrən/	N	a person or group that supports an activity or organization	حافظ، حامی، نگه دار
saint	/seɪnt/	N	a person who has received an official honour from the Christian	مقدس، اولیا، ادم پرهیز کار
onto	/ɑːnˈtuː/	Preposition	used to show movement into or on a particular place	به سوی، به، توی، به درون، بر
logical	/ləˈdʒɪkl/	Adj	using reason	منطقی، استدلالی
absurdity	/əbˈsɜːrdəti/	N	things that happen that are stupid or unreasonable	پوچی، چرندی، مزخرف بودن
miracle	/ˈmɪrəkl/	N	a very lucky event that is surprising and unexpected	معجزه، اعجاز، واقعه شگفت انگیز
core	/kɔːr/	N	the basic and most important part of something	مغز و درون هر چیزی
cloning	/ˈkləʊnɪŋ/	N	someone or something that looks very much like someone or something else	بافتزایی، کلونینگ، تاگ سازی، همانند سازی
realm	/reɪlm/	N	an area of interest or activity	قلمرو سلطان، متصرفات، مملکت

fantastic	/fæn'tæstɪk/	N . adj	goodextremely	خیالی، خارق العاده
solely	/səʊli/	adverb	only and not involving anyone or anything else	فقط، منحصرأ، بثنهایی
identical	/aɪ'dentɪkl/	Adj	the same, or exactly very similar	یکی، همان، یکجور، یکسان، برابر
nurture	/nɜ:rtʃər/	N . v	to take care of, feed, and protect someone or something, especially young children	پرورش، تربیت، تغذیه، غذا، بزرگ کردن (کودک)
renal	/ri:nl/	Adj	to the relating kidneys	کالبد شناسی کلیه ای، وابسته به کلیه ها
marrow	/merəʊ/	N	tissue containing soft a lot of fat in the centre of a bone	مغز استخوان، مخ، مغز، قسمت عمده
rather	/ræðər/	Adverb	; to a slight quite degree	سریع تر، بلکه، بیشتر، تا یک اندازه، نسبتا
option	/ɑ:pʃn/	N	the freedom to make a choice	اختیار، آزادی، اظهار میل
decade	/de'keɪd/	N	a period of ten years	ده، عدد ده، دوره ده ساله