# 4 City living

# Glossary

# Reading Pages 42-43

- nural (adj) /ˈrʊərəl/ in the countryside • She lives in a small rural town in the south of France. ❖ ريفيّ، قرويّ Opp: urban
- 4.2 commercial (adj) /kəˈmɜːʃl/
  related to buying and selling Don't forget this
  is a commercial operation and our top priority
  is to make money. ➤ commerce (n)
  خوری
- 4.3 identical (adj) /arˈdentɪkl/
  exactly the same His shirt is identical to mine
   we bought them together.

  ♦ متطابق، متهاثل، متشابه
- 4.5 resident (n) /ˈrezɪdənt/
  a person who has their home in a place
   Residents in the area are furious at the decision to build a new mall. ➤ residence (n), residential (adj) ❖ مقيم
- urban (adj) /ˈɜːbən/ of a city or town ● Heavy traffic is mainly an urban problem. ❖ صفري ◎ Opp: rural
- 4.7 block of flats (n) /blok əv 'flæts/
  a large building divided into apartments

   There used to be a beautiful old house there,
  but now it's been replaced by a block of flats.

  ⇒ نانة شقق
- 4.8 pace (n) /peɪs/
  the speed at which sth happens She walked
  at a rapid pace across the street. ❖ سرعة
- 4.9 shortage (n) /ˈʃɔːtɪdʒ/ a situation where there isn't enough of sth needed • Schools are suffering from a shortage of teachers. ➤ short (adj) • نقص Syn: lack
- ### entertainment (n) /entəˈteɪnmənt/
  films, music, shows, etc. that help people have
  fun Stars from the world of entertainment
  usually have thousands of followers on social
  media. ➤ entertain (v), entertaining (adj)

  \* تسلنة

- 4.11 commute (v) /kəˈmjuːt/
  travel between work and home regularly

  He's prepared to commute long distances if necessary, as he has been jobless for a year.
  commute (n), commuter (n)
  پذهب يوميًّا إلى العمل
- outskirts (n) /ˈaʊtskɜːts/
  the area around a town or city Factories
  are usually built on the outskirts of cities.

  مشارف، أطراف
- 4.13 inhabitant (n) /ɪnˈhæbɪtənt/
  a person or animal that lives in a place
  Nowadays, the village has around 100 inhabitants.
  ♦ مقيم، ساكن، قاطن (person: resident)
- 4.14 historical (adj) /hr'storikl/
  connected with the past or with the study of the past The library houses a large collection of historical documents. ➤ historic (adj), history
  (n) ❖ تاریخی
- devote (v) /dr'vəʊt/
  give time, attention or energy to sth *I can*only devote one hour a day to the project.

  > devotion (n) ❖ بكرس
- 4.16 walkable (adj) /ˈwɔːkəbl/ suitable for walking ● Cities aren't usually as walkable as smaller towns. ❖ قابل للمشي
- 4.17 pedestrian (n) /pəˈdestriən/ a person who is walking ● The bridge is designed for pedestrians only so no cars are allowed. ❖ مترحل
- 4.18 housing (n) /ˈhaʊzɪŋ/
  buildings for people to live in The cost of housing in London is extremely high.
  ♦ سكن
- 4.19 linear (adj) /ˈlɪniə(r)/
  continuing logically from one part to the next

   The story doesn't move in a linear fashion; it begins with the death of the hero.

   مؤلف من خطوط
- approach (n) /əˈprəʊtʃ/
  a way of doing sth or thinking about sth
   Since we haven't been able to come up with
  a solution, I thought we might consider a new
  approach to the problem. ➤ approach (v)
  مقارنة خ
- 4.21 growth (n) /grəʊθ/
  an increase in the size or the importance of sth
  The growth of the company led to many new employees being hired. > grow (v) ❖ ŷċ

- 4.23 reduce (v) /rɪˈdʒuːs/
  make or become smaller They have reduced
  the price of these shoes to just 20 euros.
   ➤ reduction (n) ❖ نقلل Syn: decrease
- 4.24 get around (phr v) /get əˈraʊnd/ travel to different places • We mainly used public transport to get around. ❖ سافر، نتنقّل
- 4.25 expand (v) /ɪk'spænd/
  make sth bigger They are planning to
  expand the airport. ➤ expansion (n)
   ❖ ينتفخ، يتمدح
- 4.26 modernist (adj) /ˈmɒdənɪst/
  related to the modern art movement
   Modernist cinema can sometimes be difficult to understand. ❖ معاصر
- 4.27 propose (v) /prəˈpəʊz/
  suggest a plan for other people to think about
   The marketing manager proposed changing the name of the company. ➤ proposal (n)
   במיל כ
- 4.28 raise (v) /reɪz/
  lift to a higher position Please raise your
  hand if you want to say something. ➤ raise (n)

   پوفع
- 4.29 spread (v) /spred/
  reach or cover a wider area The virus spread
  quickly through physical contact. >> spread (n)

  \* پنتشر
- claim (v) /kleɪm/
  say that sth is true without being able to prove
  it He claimed he was very poor, but we didn't
  believe him. ➤ claim (n) ❖ يدعى
- end up (phr v) /end مp/
  reach a particular place or situation after
  completing other activities After travelling
  around Europe for two months, we ended up in
  Prague. ❖ يصل، يبلغ
- 4.32 humanistic (adj) /ˌhjuːməˈnɪstɪk/
  treating people with respect, making sure
  they are happy, safe and healthy The new
  director had a more humanistic approach to
  the treatment of prisoners. ❖ انساني النزعة
- 4.33 course (n) /kɔːs/
  the direction in which sth moves We decided
  to change course as we weren't getting
  anywhere. ❖ مساد
- 4.34 commuter (n) /kəˈmjuːtə(r)/ sb who travels to and from work every day • The train is always packed with commuters on weekday mornings. ❖ المسافر اليومي

- 4.35 continually (adv) /kənˈtɪnjuəli/
  without a break It was difficult to make
  a decision as the situation was continually
  changing. ➤ continue (v) ❖ باستمرار
  Syn: continuously
- uninviting (adj) /ˌʌnɪnˈvaɪtɪŋ/
  not attractive or pleasant The hotel looked
  cold and uninviting; we definitely didn't want to
  stay there. ❖ عبر مُرحب
   Opp: inviting
- demand (v) /drˈmɑːnd/
  ask for sth forcefully *l've had enough. I*demand to see the manager immediately.

  > demand (n), demanding (adj)

  demand (n)
- 4.38 fence (n) /fens/ a barrier between two areas of land, usually made of wood or wire ● The house was surrounded by a beautiful old wooden fence. • سور
- a group of houses surrounded by walls or fences that you need the residents' permission to enter The house is in a gated community, so you'll all be safe. ❖ مكنى مغلق
- unfenced (adj) /ʌnˈfenst/
  not surrounded by a fence The park is
  unfenced, so you can go and have a walk
  there any time you like. ❖ بدون سور

  ⑤ Opp: fenced
- 4.41 low-rise (adj) /ˈləʊraɪz/
  not tall, with only a few floors l'd prefer to live
  in a low-rise building rather than a tower block.
   ♦ مُنخفض الإرتفاع
   ♦ Opp: high-rise

#### Words related to cities

block of flats pollution commute population resident gated community housing urban outskirts walkable pedestrian

# Vocabulary Page 44

- 4.42 profit (n) /'profit/ money that you earn from a transaction or business after paying the costs • She made a big profit when she sold her house. ➤ profit (v), profitable (adj) ❖ ربح
- an area where people live that is outside the city centre They decided to move to the suburbs when they had their first child.

  >> suburban (adj) ❖ ضاصة
- district (n) /ˈdɪstrɪkt/
  an area of a town or country that has a
  particular purpose His shop is in the most
  fashionable shopping district. ❖
  حیّ

- industrial (adj) /ɪnˈdʌstriəl/
  related to factories Industrial production
  has increased by 3% in the last six months.

  > industry (n) ❖ صناعی •
- a group of houses or factories built according to a plan They bought a three-bedroom house on a new housing estate.

  ❖ عقار ح
- 4.47 consist of (phr v) /kənˈsɪst əv/
  made or formed of various things A first-aid
  kit consists of plasters, dressings, bandages,
  tweezers and gloves. ❖ متكون من
- a part of the road that can only be used by people riding bicycles Cars and pedestrians are not supposed to be in the bike lane.

  ❖ مسار للدراجات
- a path on the side of the road that people can walk on You're not supposed to ride your bike on the pavement. ❖ ميف
- a place where two roads meet and cross each other When we came to the crossroads, we didn't know which way to turn.

  ❖ تقاطع
- roadworks (n pl) /ˈrəʊdwɜːks/ repair or building work on a road ● The traffic is moving really slowly because of the roadworks ahead. ❖ أعهال حفر نّات
- junction (n) /ˈdʒʌŋkʃn/ the place where two or more roads or railways meet ● It's a small town but it's an important railway junction. ❖ تقاطع، ملتقى طرق
- a place in a road where traffic must stop so that pedestrians can cross All cars ought to stop at pedestrian crossings, but they don't always do so. ❖ المشاة
- 4.54 pedestrian zone (n) /pəˌdestriən ˈzəʊn/
  an area where no vehicles are allowed This
  is a pedestrian zone. You can't ride your bike
  here. ❖ הוطقة مشاة
- a camera at the side of the road that takes pictures of cars that are going too fast Drivers are more careful when they know there is a speed camera on the road.

  ❖ عاميرا مراقبة السرعة
- 4.56 speed limit (n) /ˈspiːd ˌlɪmɪt/
  the fastest you are allowed to drive in a
  specific area You need to slow down the
  speed limit here is only 30 miles per hour.

  ❖ السرعة

- 4.57 facilities (n pl) /fəˈsɪlətiz/
  buildings, equipment and services available for a particular purpose The hotel has special facilities for disabled people. ❖ منشآت
- 4.58 venue (n) /'venju:/
  the place where an event or meeting takes
  place The room provides an ideal venue for
  business meetings. ❖ (كان (لاقامة حدث)
- urbanisation (n) /ˌɜːbənarˈzeɪʃn/
  the process in which towns and cities are
  built where there was countryside before
   The early 20th century was a time of rapid
  urbanisation. ❖ تحض، قدن
- 4.60 goods (n pl) /gʊdz/ products • We will send you the goods you ordered tomorrow morning. ❖ بضائع
- a line that marks the limit of sth The fence marks the boundary between our garden and theirs. ❖ تخه

#### **Getting around**

bike lane crossroads junction pavement pedestrian crossing pedestrian zone roadworks

# Grammar Page 45

- 4.62 set off (phr v) /set pf/ begin a trip • We're going to set off for the station in half an hour. ❖ نظلق
- A.63 hopefully (adv) /ˈhəʊpfəli/ saying what you hope will happen ● Hopefully, we'll be there by six, but it depends on the traffic. ❖ أخيرًا
- evidence (n) /ˈevɪdəns/
  one or more facts that make you believe that
  sth is true What evidence do you have that
  he took the money? ➤ evident (adj) ❖
  دليل ٤
- it's up to you (expr) /ɪts ʌp tə ju:/ you can make the decision, it's your responsibility ● It's up to you. I'll do whatever you say. ❖ الأمر بعود إلىك
- 4.66 skyscraper (n) /'skaɪˌskreɪpə(r)/
  a very tall building The new skyscraper is
  going to be the tallest in the world.

  ❖ ناطحة سحاب

## Listening Page 46

- away from the sea Seabirds sometimes come inland looking for food. ❖ دى
- 4.68 dweller (n) /'dwelə(r)/
  sb who lives in a particular place Most
  apartment dwellers cannot imagine what it's
  like to live in a house with a garden. ➤ dwell
  (v), dwelling (n) ❖ ساکن
- a person who has legal recognition as belonging to a particular country After living and working in the USA for ten years, I applied to become an American citizen.

  > citizenship (n) ❖ مواطن

#### LOOK!

The words *dweller*, *inhabitant* and *resident* refer to somebody who lives somewhere. However, their use differs. The word *citizen* also has a similar meaning.

- dweller is used to refer to the type of place where somebody lives, e.g. a cave dweller, a city dweller.
- inhabitant refers to a person living in an area or a country, e.g. the island's inhabitants, the inhabitants of Australia.
- resident refers to a person who lives in a particular country, town or building (permanently or temporarily): The hotel restaurant is only open to residents. She is a United Kingdom resident although she has an Egyptian passport.
- citizen refers to a person who is legally recognised as belonging to a particular country, and who may reside in that same country or a different one: He's an American citizen, but he lives in Edinburgh.
- 4.70 constant (adj) /ˈkɒnstənt/
  happening all the time Her constant criticism
  has begun to annoy me. ❖ مستم
- a high level of noise that is harmful and annoying Noise pollution is at its worst in inner city areas. ❖ تلوث سمعى
- 4.72 regulate (v) /ˈregjəleɪt/
  control how sth works The members of
  the European Union agreed to regulate their
  banks. ➤ regulation (n) ❖ ينظّم، يقنّن
- on a regular basis (phr) /ɔn ə 'regjələ(r) 'beɪsɪs/
  often or repeatedly I suggest we meet on a
  regular basis from now on how about every
  Tuesday? ❖ منتظم

- 4.74 town planner (n) /taʊn 'plænə(r)/
  a person whose job it is to plan how towns
  and cities are developed As a town planner,
  where do you recommend we should build the
  new hospital? ❖ مخطًط مدن
- a sudden change in the way you are feeling

   My constant mood swings worried me. One minute I was happy, the next I was in tears.

  ⇒ تقلبات المزاج
- 4.76 sharply (adv) /ˈʃɑːpli/ quickly and suddenly • House prices have risen sharply in the last month. ❖ بسرعة
- 4.77 homesick (adj) /ˈhəʊmsɪk/ missing your home, family and friends ● After my first week in Madrid, I was feeling very homesick. ❖ بشعر بالحنين إلى منزله/أسرته/وطنه
- would rather (phr) /wʊd rɑ:ðə(r)/ would prefer to ● I'd rather stay at home than go to the party with him. ❖ يفضّل
- the town or city that you were born in After spending a few years abroad, I returned to my hometown last week. ❖ مسقط الرأس
- 4.80 eliminate (v) /iˈlɪmɪneɪt/
  remove or get rid of sth l'm trying to eliminate
  sugar from my diet. ➤ elimination (n) ❖ يقلل
- 4.81 majority (n) /məˈdʒɒrəti/
  the larger number or part of sth The majority
  of people don't pay much attention to their diet.
  ♦ أغلبة
- standard of living (n) /ˌstændəd əv 'lɪvɪŋ/
  the amount of money and level of comfort
  you have in your life Your standard of living
  doesn't only have to do with how much you get
  paid, but also how much free time you have.

  → مستوى المعشة
- activities that break the law It is the job of the police to prevent crime. ➤ criminal (adj, n)
- 4.84 affect (v) /əˈfekt/ have an influence on ● *The disease mainly* affects children. ❖ يؤثر
- amygdala (n) /əˈmɪgdələ/ a part of the brain that affects how people feel fear and pleasure ● The damage to his amygdala meant that he could no longer feel anything. ❖ اللوزة الدماغة
- 4.86 health-care worker (n) /ˈhelθ ˌkeə(r) ˈwɜːkə(r)/
  a doctor, nurse or other person that works in
  the medical sector It is important to keep
  health-care workers safe if we want to be safe
  ourselves. ❖ عامل في مجال الرعاية الصحّية

# Speaking Page 47

- 4.87 interact (v) /ˌɪntəˈrækt/
  communicate, react to Teachers should
  be able to interact well with their students.

  > interaction (n), interactive (adj)
   نتآثر؛ نتداخل
- 4.88 car-free (adj) /ka: fri:/ without cars, where cars are not allowed
  The city centre has now been declared a car-free zone. ❖ خالى من السيارات
- 4.89 entirely (adv) /ɪnˈtaɪəli/
  completely I'm afraid I don't entirely agree
  with you. ❖ مالكامل
- 4.90 convince (v) /kənˈvɪns/ make sb believe that sth is true ● l've given up trying to convince her; there's no way she'll change her mind. ❖ يقنع

### Grammar Page 48

- an event or activity that affects you Meeting my favourite author was an experience I'll never forget. ❖ غبرة
- 4.93 space (n, countable) /speɪs/ an empty place or position ● There is just one parking space left. ❖ فضاء
- space (n, uncountable) /speɪs/
  empty room that you can use I need to make
  some space in my closet for all these new
  clothes. ❖ غرفة فارغة
- d.95 competition (n, uncountable) /ˌkompəˈtɪʃn/
  circumstances in which everyone tries to be
  more successful than the others There's a
  lot of competition between the two phone
  companies. ❖ منافسة
- 4.96 without fail (expr) /wɪð'aʊt feɪl/ always, with no exceptions ● She always hands in her homework assignments on time, without fail. ❖ دون فشل
- a wide road with trees or buildings on both sides They drove silently along the wide avenue. ❖ مطریق مشجر
- A.98 highway (n) /ˈhaɪweɪ/
  a public road, especially one that connects two cities You can drive faster on the highway, but there is still a speed limit.

  ❖ طریق سریع

- 4.99 hand (sth) over (phr v) /hænd ('sʌmθɪŋ)
  'əʊvə(r)/
  give sth to sb after you have been asked to do
  so The police officer asked me to hand over
  my driving licence. ❖ משלא
- 4.100 wheelchair (n) /ˈwiːltʃeə(r)/ a chair on wheels that people who cannot walk use ● *It isn't always easy to get around if* you're in a wheelchair. ❖ كرسى متحرك
- 4.101 motor-driven (adj) /ˈməʊtə ˌdrɪvn/
  using fuel or electricity to move It's a motordriven boat, which is why it has no sails.

  ❖ فحرك عدار عمرك
- yell (v) /jel/ shout or make a loud noise because you are excited or angry ● There's no need to yell. I can hear you. ❖ يحتج
- 4.103 make way for (expr) /meik wei fə(r)/
  provide space for The people stepped back
  to make way for the actor's car.
   ♦ الطريق لـ ♦
- a person The disease cannot be passed from animals to human beings.

  ❖ الجنس البشرى ♦

# Use your English Page 49

- Iive on top of each other (expr) /IIv ɒn tɒp əv i:t∫ ∧ðə(r)/
  Iive very close to each other In many modern cities, people have to live on top of each other, as housing is limited. ❖مدحمة مدحمة
- 4.106 resist the temptation (expr) /rɪˈzɪst ðə tempˈteɪʃən/ stop yourself from doing sth you like but shouldn't do I couldn't resist the temptation to eat some more chocolate cake.

  ❖ الغراء ♦ الغراء على المقاومة الإغراء على المقاومة الإغراء على المقاومة الإغراء المقاومة المقاو
- 4.107 have the best of both worlds (expr) /hæv ðə best əv bəʊθ wɜ:ldz/
  enjoy the advantages of two very different things at the same time He lives in the country but also keeps an apartment in the city for weekends, so he has the best of both worlds. ❖ الْفصل ما في الأمرين
- 4.108 from all walks of life (expr) /frəm ɔ:l wɔ:ks əv laɪf/
  with different jobs or positions in society

   There are people from all walks of life in my dance class, from lawyers to builders and hairdressers. ❖ الحياة
- on the increase (phr) /pn ði 'ɪnkriːs/
  getting larger His book collection is always
  on the increase; he must have more than
  10,000 books already. ❖ ازدیاد

- 4.110 take (sth) into consideration (expr) /teɪk (ˈsʌmθɪŋ) ɪntə kənˌsɪdəˈreɪʃn/
  think about sth before making a decision I took all your views into consideration, but the final decision was mine. ❖ يأخذ في الحسبان
- ### the talk of the town (expr) /ðə tɔ:k əv ðə taʊn/
  what everyone is talking about When her
  new book came out, she became the talk of the
  town. ❖ לבנים المدينة
- the urban jungle (expr) /ði ˌɜːbən ˈdʒʌŋgl/ city life (especially if you think it's unpleasant)

   With all the stress and the noise, I wouldn't survive in the urban jungle. ❖ الصلة
- 4.113 go to town (expr) /gəʊ tə taʊn/
  do sth with energy and spending a lot on it
   She really went to town on her birthday
  party it went on all night.

  ❖ سفعل بطاقة وحماس
- all over the place (expr) /ɔ:l عوده ðə pleɪs/
  not tidy or not well organised Your work is
  all over the place. I'm afraid you'll have to do it
  again. ❖ بجميع أنحاء المكان
- a town (n) /'gəʊst ˌtaʊn/ a town that used to be busy but now has few or no people ● The place looked like a ghost town with dark, empty streets. ❖ مدينه الاشباح
- a busy and exciting way of life She used to enjoy life in the fast lane, but now she lives in a quiet village. ❖ مثرة مع ومثرة
- 4.117 private (adj) /'praɪvət/
  only for one person or a few people You
  can't go in. It's a private room. >> privacy (n)
  خاص خا
- density (n) /'densɪti/
  the number of people or things in a place
  compared with the size of the place Traffic
  density has doubled in the last decade.

  > dense (adj) ❖ كثافة
- 4.119 lead to (phr v) /li:d tə/ have a particular result ● *The scandal led to a* new government. ❖ يؤدى إلى
- rush (v) /rʌʃ/
  go very quickly or be very quick Don't rush –
  we have plenty of time! > rush (n)
   ندفع
- a situation in which nothing disturbs you and you are not stressed I go to the library when I need some peace and quiet. ❖ سلام وهدوء
- 4.122 come across (phr v) /kʌm əkrɒs/ find or meet sb by chance ● We came across Mr Harry in the park. ❖ نصادف

#### Verb collocations

be located in go to town have the best of both worlds live on top of each other make way for resist the temptation take sth into consideration

# Writing Pages 50-51

- engage (v) /ɪnˈgeɪdʒ/
  attract sb's interest The speaker engaged
  the audience fully. ➤ engagement (n)
  خدن إنتاه خ
- relevant (adj) /ˈreləvənt/
  connected with people's own experience and
  therefore useful Although it was written
  in 1900, the novel is still relevant today.
   relevance (n) ♦ توقق الصلة

- 4.127 form (v) /fɔːm/ give shape to sth • I formed the impression that you didn't like what he said. ➤ form (n) شکل ش
- 4.128 persuasive (adj) /pəˈsweɪsɪv/
  making you want to believe or do sth His
  argument was very persuasive so we had to
  agree. ➤ persuade (v), persuasion (n)
  ثمتنع
- impersonal (adj) /ɪmˈpɜːsənəl/
  not referring to specific people I tried to keep
  my criticism impersonal as I didn't want him to
  feel bad. ❖ شحص ﴿ Opp: personal
- 4.130 get through (phr v) /get θru:/
  manage to do or complete Let's hurry up,
  because we have a lot of work to get through.
  ❖ ⋆ϵ
- 4.131 make the most of (expr) /meik də məʊst əv/ use or enjoy sth as much as you can
   We've only got a day in Paris, so let's make the most of it and try and see all the sights.
  ❖ يستفيد بأقصى قدر
- adventurous (adj) /ədˈventʃərəs/
  willing to try new and perhaps difficult things

   I decided to be adventurous and tried a
  completely new approach. ➤ adventure (n)

  مُغامر

- a ticket that allows you to travel in a particular area for a period of time If you are under 21, you can get a weekly travel pass for only five euros. ❖ تذكرة سفر
- 4.135 investment (n) /ɪn'vestmənt/ the act of spending money so that you can get benefits in the future ● It's an expensive course, but considering the opportunities that I will have when I complete it, it's a good investment. > invest (v), investor (n) ❖ استثمار
- a.136 open up (phr v) /ˈəʊpən ʌp/
  make sth available Internet advertising will
  open up new markets for our products.

  ❖ مُنفتح
- above all (expr) /əˈbʌv ɔ:l/ most importantly ● Above all, I'd like to emphasise the importance of humour. پيد څل کل شيء
- 4.138 socialise (v) /ˈsəʊʃəlaɪz/
  spend time with friends I work so hard I have
  no time to socialise; I haven't seen my friends
  for two months. ➤ social (adj)

   يعاشر الناس، يصادق الآخرين
- 4.139 outline (n) /'aʊtlaɪn/
  the main facts, without any details She
  gave us a brief outline of what had happened.

  > outline (v) ❖ مشكل عام
- 4.140 support (v) /səˈpɔːt/
  help show that sth is true The evidence does
  not really support your claims. ➤ support (n),
  supportive (adj) ❖ دعم
- 4.141 lively (adj) /'laɪvli/
  interesting and exciting We had a very lively
  discussion which I thoroughly enjoyed.

  ❖ الحباة، نابض بالحباة،
- 4.142 picture (v) /ˈpɪktʃə(r)/
  imagine Can you picture yourself growing
  old? ❖ صورة

#### Phrasal verbs

come across hand over end up lead to get around open up get through set off get to

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- 4.143 particle (n) /ˈpɑːtɪkl/ an extremely small piece of sth ● Dust particles are everywhere but you can't always see them. ❖ مُسيم
- a way that you can follow to go from one place to another Which is the quickest route to the museum? ❖ طريق
- the amount of sth that you find in a place

   They are measuring the concentration of dust in the atmosphere. ➤ concentrate (v)

   ترکیز
- dose (n) /dəʊs/ a measured amount of sth • Do not exceed the recommended dose. ❖ عرعة
- 4.148 lung (n) /lʌŋ/
  one of the two organs in your chest that help
  you breathe Take a deep breath and fill your
  lungs with the fresh air of the forest. ❖ ئة
- a machine that watches and records sth *If* the heart rate drops, the monitor will sound an alarm. ❖ شاشة
- 4.150 exhaust (n) /ɪgˈzɔːst/
  the gas that comes out of a vehicle or a
  machine The exhaust from the old bus in
  front of us smelled terrible. ❖ عادم
- 4.151 emission (n) /iˈmɪʃn/
  the gas (or light or heat) that is produced
   Electric cars do not produce any dangerous
  emissions. >> emit (v) ❖ إنبعاث
- 4.152 respiration (n) /ˌrespɪˈreɪʃn/ breathing • The patient's respiration is slow and difficult. ❖ تنفّس
- the speed at which sth happens If we keep going at this slow rate, it will take hours to finish the work. ❖ معدَّل، نسبة
- 4.154 heart rate (n) /ˈhɑːt ˌreɪt/
  the number of times your heart beats in a
  minute It is normal for your heart rate to
  increase during exercise. ❖ معدل ض بات القلب
- ### blood pressure (n) /'blʌd ˌpreʃə(r)/
  the force with which blood travels in the body

   He suffers from high blood pressure and has to take pills to control it. ♦ ضغط الدم

- 4.156 GPS (n) /ˌdʒiːpiː'es/ (Global Positioning System) a system that can show exactly where you are ● Your mobile phone uses GPS to show your position on an online map. ❖ نظام تحدید المواقع العالمي
- 4.157 device (n) /dr'vars/
  an object or small machine that is designed for a particular purpose You can use any device to visit the site, but it looks best on a computer.
  ❖ عفاز
- 4.158 bloodstream (n) /'blʌdstriːm/
  the blood moving through your body The test
  showed there was poison in his bloodstream.
  ♦ مجرى الدمّ
- **4.159 cardiovascular** (adj) /ˌkɑːdiəʊˈvæskjələ(r)/ related to the heart and the blood vessels (= the tubes through which the blood travels)
  - Smoking can cause cardiovascular disease.
  - القلب والأوعية \*

- a.160 minimise (v) /ˈmɪnɪmaɪz/
  reduce sth as much as possible They are
  trying to minimise their costs as the company is
  having trouble. ➤ minimal (adj) ❖
- A.161 expose (v) /ɪk'spəʊz/
  put sb/sth in a dangerous situation Drive
  carefully and don't expose yourself to
  unnecessary risks. ➤ exposure (n) ❖ يُعرف