

UNIT 30

Exercise 1



Exercise 2

Fabric	Fibre type	Characteristics
cotton	natural	Soft to the touch; absorbent
linen	natural	Good strength, twice as strong as cotton; crisp to the touch
nylon	synthetic	Lightweight; easy to wash; resists shrinkage and wrinkling
polyester	synthetic	Strong; resistant to most chemicals
silk	natural	Luxurious; thinnest of all natural fibres
wool	natural	Good insulator; luxurious, soft to the touch

Exercise 3

- | | |
|--------------------|--------------|
| a machine-washable | e shrinkage |
| b dry-cleanable. | f drying |
| c hand-washable | g stretching |
| d sunlight | h stain |

UNIT 31

Exercise 1

- is heated
- have dissolved
- have survived, are being treated
- change
- have taken, are trying

Exercise 2

- | | |
|-------------------------|------------------------|
| 1 are, made | 5 have been importing. |
| 2 is, inspecting | have ... begun |
| 3 has, come | 6 has been dyed |
| 4 produce, are rejected | 7 are dispatching |

Exercise 3

- | | |
|-------------------------|----------------------|
| a has experienced | g are working |
| b have been damaged | h believe |
| c (have been) destroyed | i are starting |
| d has decided/decided | j have been drawn up |
| e is building | k are |
| f are being heightened | |

UNIT 32

Exercise 1

- | | |
|-------------|----------------|
| 1 was built | 6 — |
| 2 — | 7 discovered |
| 3 were | 8 — |
| 4 covered | 9 — |
| 5 work | 10 transformed |

Exercise 2

- When were fibre optics first developed?
- The boxes broke because they were made/had been made of low quality materials.
- The power supply was cut off because cables came down during the storm.
- They had not completed the foundations by the time the building materials arrived.
- When did they install the solar panels?
- Was this the first hydroelectric scheme in Scotland?
- They were not using wood chip for heating when the engineer visited the factory.
- How did they produce gas before they discovered North Sea gas?
- Was the oil pollution along the coastline caused by an oil tanker spillage?
- How did they prepare access to this mine?

Exercise 3

- | | |
|-----------------------|-----------------|
| a was found | h found |
| b was lying | i had been left |
| c checked | j had escaped |
| d was still breathing | k had become |
| e called | l had become |
| f was taken | m (had) fallen |
| g recovered | n was working |

UNIT 33

Exercise 1

- 1 b 2 e 3 c 4 f 5 d 6 a

Exercise 2

- 1 b 2 a 3 a 4 a 5 b

Exercise 3

- | | |
|----------------------|-----------------|
| a will revolutionize | g will install |
| b will we need | h won't take |
| c won't be | i will soon see |
| d will operate | j will give |
| e will it provide | k will deal |
| f will warm | l will contact |

UNIT 34

Exercise 1

- 1 g 2 f 3 a 4 b 5 c 6 h 7 e 8 d

Exercise 2

- there are greater safety measures
- he had followed the correct procedures
- the airbag will inflate
- there would be less pollution
- we introduced a catalyst
- the substance will decompose/decomposes
- infections won't be passed on
- it rusts

Exercise 3

- | | |
|----------------------|---------------------|
| a improve | f 'll have to |
| b would have delayed | g stops |
| c stops | h wouldn't have had |
| d hadn't built | i had |
| e wouldn't have made | |

UNIT 35

Exercise 1

- 1 a 2 b 3 b 4 b 5 a

Exercise 2

- | | |
|---------------|--------------|
| 1 overloading | 5 to reduce |
| 2 to switch | 6 scratching |
| 3 to increase | 7 to deliver |
| 4 producing | 8 to visit |

Exercise 3

- | | |
|---------------------------|---------------------------|
| a to come | g happening |
| b to begin working | h to join |
| c to develop | i to do |
| d using | j to complete |
| e creating | k to delay running |
| f linking | l to arrange |

UNIT 36**Exercise 1**

- boosts (active); can be used (passive)
- are ... made (passive)
- can be recycled (passive); sorted (passive); are removed (passive)
- is produced (passive)
- include (active)
- choose (active)
- was formed (passive)

Exercise 2

Four hotels have been built.
 The wet land has been drained.
 A new library extension has been opened.
 The factories have been closed.
 The river has been cleaned.
 A new office block has been built.
 Two parks have been established.
 A new airport is/has been planned.

Exercise 3

- | | |
|---------------------------|----------------------------|
| a is used | h is used |
| b is blown | i is made |
| c is forced | j are soaked |
| d are made | k are then squeezed |
| e are first heated | l be shaped |
| f is suited | m is forced |
| g produces | n be made |

UNIT 37**Exercise 1**

- | | |
|-------------------------------|-------------------------------|
| 1 result in | 7 due to |
| 2 as a result of | 8 has brought about |
| 3 were responsible for | 9 because |
| 4 because of | 10 is attributable to |
| 5 on account of | 11 as a consequence of |
| 6 as a result of | 12 led to |

Exercise 2

- Modern communications systems have resulted in more and more people working from home.
- A rise in the volume of electricity required by consumers is caused by cold weather.
- The use of more lightweight parts brings about reduced transportation costs.
- An annual saving of electricity is attributable to increased energy efficiency.
- The production of heat results from friction during drilling.
- Rivers beginning to support fish again is attributable to a reduction in the amount of waste being discharged into rivers.
- Air pollution partly stems from cars and aeroplanes.
- Turbines spin due to water flowing through them.

Exercise 3

a on **b** of **c** about **d** for **e** from **f** of **g** for **h** to **i** in **j** of **k** to

UNIT 38**Exercise 1**

- 1** h **2** g **3** e **4** f **5** b **6** d

Exercise 2

- | | |
|-------------------------------------|------------------------------|
| 1 needn't enclose | 4 are not required to |
| 2 will need to | 5 required |
| 3 made the company shut down | 6 to enter |

Exercise 3

- a** must **b** permit **c** banned **d** forcing **e** have
f must **g** needn't **h** supposed **i** require **j** permitted
k prohibited.

UNIT 39**Exercise 1**

The reject rate has fallen due to more effective quality control. There is now a backlog of orders as a result of machinery breakdowns.
 We have developed an improved product owing to extensive research and development.
 They want to understand why customers buy a product. That's why they're studying customer attitudes.
 Computer software has been made easier to use so more people use computers daily.
 They have set up a computer network. Consequently, users can share files and resources.
 We are having to increase our prices as a consequence of increased carriage charges.
 This is a very dusty environment, therefore all workers should wear masks.
 He was not following safety regulations. That's the reason he had an accident.

Exercise 2

- | | |
|---------------------------|---------------------------------|
| 1 Owing - Owing to | 4 Consequently - Because |
| 2 from - of | 5 Due to - As |
| 3 result - reason | 6 since - hence/thus |

Exercise 3

- | | |
|-----------------------|------------------|
| a because | f so |
| b consequence | g reason |
| c account | h why |
| d result | i due |
| e consequently | j because |

UNIT 40**Exercise 1**

Improving quality control will enable us to become more profitable.
 Shortage of space prevents us from producing more product lines.
 Regulations prohibit the storage of chemicals in containers.
 A machine breakdown means that we can't finish the order this week.
 Old copper cables are incapable of carrying the volume of data required today.
 Using a videophone allows you to see the person you are talking to.
 Mobile phones can now be used to send emails.
 A firewall is used to stop unauthorized users accessing a network.

Exercise 2

- | | |
|-------------------------------------|---------------------------|
| 1 to - from | 5 passing - pass |
| 2 of | 6 to |
| 3 repairing - to repair | 7 curing - to cure |
| 4 to support - of supporting | 8 of - from |

Exercise 3

- a** ~~make~~ **unable** prevents
b ~~make~~ **unable** prevents
c ~~make~~ **able** enable/allow/permit
d ~~be~~ **able** is able to operate/ is capable of operating/ can operate
e ~~make~~ **able** allow/enable/permit
f ~~make~~ **able** allows/enables/permits
g ~~be~~ **able** can/ is able to
h ~~be~~ **able** can /is able to