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بوت التلغرام

قناة التلغرام

رياضيات على التلغرام

10

MODULE 4: Achievements

Pushing the limits

or words
clamber, manned, set a record, submerged

Reading

Before you read the article about Steve Fossett, complete the chart below with your own ideas.

Record-breaking attempts

Pros	Cons
Amazing achievement	Extremely dangerous
Amazing achievement	Extremely dangerous
Leading to fame	Leading to death
Leading to courage	Tiring
Visiting different places	Causing diseases

Steve Fossett – a record-breaker

In 2002, Steve Fossett became the first person to travel solo round the world in a hot air balloon. His balloon, The Spirit of Freedom, used a mixture of helium and hot air and was 42 metres tall by 18 metres wide. To keep at a *constant altitude*, the balloon used a sophisticated autopilot system controlled by a computer.

Fossett commenced his journey in Western Australia, travelled east to South America, over the Southern Atlantic Ocean towards South Africa, then over the Indian Ocean to reach Australia. This record-breaking solo journey took 14 days, 19 hours and 50 minutes. Fossett only slept for four hours in every twenty-four hour period and never slept for more than 45 minutes at one time. He frequently had to leave his tiny cabin for the sub-zero exterior in order to check that the balloon's burners were working properly. By the time he arrived in Australia, he had travelled 33,195.30 km and broken the world speed record for a manned balloon flight, achieving at one point a speed of 322.2 km/h. Steve Fossett was especially pleased with this successful round-the-world journey as it was his sixth attempt. His first attempt had been six years earlier, in 1996.

One previous attempt, in August 1998, had almost ended in disaster when Fossett's balloon was sucked into a thunderstorm off Australia's Northeast coast. The capsule plummeted 10,000 feet into the sea but also caught fire, igniting the balloon's propane burners. Fossett managed to escape through a *submerged hatch* and *clambered aboard* his life raft. He was rescued by a boat 10 hours later.

Steve Fossett held four other world records for non-stop journeys round the world as a pilot and as a solo air pilot. Before Steve Fossett's record attempts, no pilot held world records in more than one mode of air travel. Steve Fossett's other achievements include being a *Record for Gliders* when he flew at 50,122 feet and the *Record for Helicopters* and his co-pilot were full pressure suits. Before his death, Fossett had succeeded in setting 116 record in five different sports. Fossett was declared legally dead on 14 February, 2008, just over five months after a plane crash was announced.

Language practice

- 1 Complete these sentences with the correct word. There are two extra words.

slight alive asleep burning
 similar sleeping

- a The dark night was illuminated by the burning logs at the centre of the clearing.
 b He was exhausted and his eyelids looked heavy. Despite my best efforts, I couldn't stop him from sleeping.
 c He's a very famous man and always seems to be wearing the same clothes. That's not true though; he just owns many similar things.
 d Police reports say that it was a freak accident and a marvel that every one involved was still alive.

- 2 Replace the underlined words with the

المرادف
 got away - slipped after
 came forward
 came to hand
 came out - coming up against
 came to an end

- a The robber thought he had escaped unnoticed and was surprised to see the police chasing him.
 b Despite the importance of the task, few people volunteered to help.
 Don't throw that away. You never know; it might be useful someday.
 The novel was released recently to critical success, despite the author being faced with some problems whilst writing.
 I'd had such a great time that I was really upset when my holiday finished.

- 3 Give one-word synonyms for the following definitions.

- a extreme tiredness
fatigue
 b the best part or moment
highlight
 c the top of a mountain
summit
 d go up or climb
ascend
 e full of danger and risk
perilous

- 4 What would you say in the following situations? Write complete sentences.

- a A friend wants to start an extreme sport. You think it is too dangerous.
 I think that's too dangerous. I'm worried you'll get hurt.
 b You are hiking and one of your companions falls and injures himself / herself.

Quick! Someone call mountain.....

- c You want to start an extreme sport but your parents don't think you should.

I obey them.....

- 5 Complete the missing parts of the dialogue with your own sentences. Make sure the conversation makes sense.

A What are you doing this weekend?

B I'm going snowboarding with some friends.

A Wow, that sounds amazing, but isn't it dangerous?

B No, it's really safe as long as you take proper precautions.

A Ah, ok. Still, even if it's safe, I think I'd be scared.

B Yeah, I get scared sometimes, but that's part of the fun.

A You're right. Maybe I can come too?

B Sure. It would be really nice if you did.

6 Read the following sentences. Are the underlined verbs correct? Tick the correct sentences and rewrite the incorrect sentences.

a Omar passed all his exams. He has been resting for a month. ☒

b They finished making Reem's dress a week before the wedding. They had made it for over a month. ☒

They finished making Reem's dress a week before the wedding. They had been making it for over a month.

c I went to the hospital to see Fahad.

He had been breaking his leg during a football match. ☒

I went to the hospital to see Fahad.

He had broken his leg during a football match.

d Everyone enjoyed the family celebrations. Amal had been making all the food herself. ☒

Everyone enjoyed the family celebrations. Amal had made all the food herself.

e I received a letter from Tahini yesterday. She had been promising to write since last year. ☒

7 Using the cues, write sentences using such... that or so... that.

a Parachuting / dangerous sport / scared to try

Parachuting is such a dangerous sport that people are scared to try it.

b I / scared / couldn't move

I was so scared that I couldn't move.

c Her room / mess / not find anything
Her room is such a mess that she can't find anything.

d He / strong man / lift a car
He is such a strong man that he can lift a car.

e Computer / complex / can't understand
The computer is so complex that I can't understand it.

Grammar assistant

Past perfect simple and continuous

The past perfect simple and continuous can be used to clarify which of two past actions happened first, to talk about things that happened or were felt in the past, or to provide background to a past event.

To form the past perfect simple use **had + the past participle of the verb**.

He had looked everywhere for his coat.

To form the past perfect continuous use

had been + main verb + ing

Laura had been feeling sick for most of the day.

8 Choose the correct phrasal verb with come to complete these sentences.

a When my brother came round / came up after his operation he felt fine.

b Why don't you come across / come over after school? We can go to the park.

c It was cloudy all morning, but in the afternoon the sun came across / came out.

d I've lost my watch. Can you tell me how I can come across / come over it?

e Since I bought my new car I don't have to come down / come up to the garage to have it fixed.

1 Read this interview and answer the following questions.

a Is Dave Stokes upset about his injuries? What advice does he give?
No, he's not. He advises the reader to be prepared, take a medical kit and a mobile phone, tell people where he / she is going and not to push himself / herself too much.

b Can you think of any other ways to stay safe whilst doing extreme sports?

I think I can't think of any more.

Interviewer: Hi everyone, and welcome to another edition of X-Treme Sports Weekly. Today, we're interviewing extreme sports enthusiast Dave Stokes from the hospital bed. Hi Dave, and thank you for agreeing to do this interview.

Dave: No problem.

Interviewer: Well, unless the question everyone wants to ask is: how did you do this yourself?

Dave: I was climbing in the Alps with a friend but unfortunately I slipped and... Although I didn't fall too far, I landed badly and broke my leg and wrist.

Interviewer: Ouch, that sounds painful!

Dave: Yes, it was really. But it's part of the territory when you're into extreme sports.

Interviewer: What do you mean?

Dave: Well, all of the activities I love, such as snowboarding, parachuting and mountain climbing, have an element of danger to them. You always run the risk of getting hurt, or worse.

Interviewer: Will this injury make you reconsider your chosen sport?

Dave: No, definitely not! It'll take me a while to recover but, as soon as I'm able, I'll be back on the mountain. I may be just a little bit wiser, though.

Interviewer: In what way?

Dave: I think I'll be more safety-conscious in the future, possibly take fewer risks and spend more time preparing.

Interviewer: Can you give our viewers any advice about the dangers of extreme sports?

Dave: Sure. Firstly, make sure you are prepared. You'll always want the relevant kit, and always take a medical kit and a mobile phone with you. Secondly, always tell someone where you're going and when you'll be back. And finally, don't push yourself too far. It's easy to get carried away when you're in the zone, but it's important to know when to stop. I've learned that the hard way, and I don't want anyone else to.

- Firstly, make sure... / always take... / secondly, tell... / Most importantly,

- No problem / I guess the question... / it's part of the territory when you're into... / You'll always run the risk...

- Write about 200-220 words.

Challenging sport provides a healthy, largely safe, physical outlet for aggression. There is very little evidence to show that people who take part in dangerous sports become violent as a result. In fact it is more likely that apart from the many friendships created in playing, sport acts as a safety valve for a society by reducing stress. Moreover, sport teaches and requires discipline, training, and respect for the rules - valuable lessons in any society.

The final frontier

Key words

approximately, dispatch, obscure, porroval (Venus 1967)

Reading

1 Before reading the article about Venus, answer the following questions.

- 1 Venus is called 'the morning star' or 'the evening star'. What would you call the Earth?

Venus' sister

- 2 Do you think that someday human beings will be able to live on the planet Venus? Why or why not?

I think this may happen one day because science gives us more and more everyday

The Morning Star

- A Venus is the brightest object in the sky with the exception of the Sun and the Moon. However, it is only perceivable from the Earth three hours before sunrise and three hours after sunset. For this reason people have given Venus the epithets 'the morning star' and 'the evening star'. It is the second planet from the Sun.
- B Because the surface of the planet is completely obscured by clouds, it is very difficult for scientists to study Venus from the Earth, so the vast majority of our information about this planet comes from spacecraft. The first flight to investigate Venus was by Mariner 2, which the Americans launched in 1962. The most significant information comes from probes, which the spacecraft dispatches to scrutinise the surface of the planet. A probe is a small spacecraft that documents information and transmits it back to Earth. The Russians have also sent spacecraft and probes to Venus.
- C Some people contend that Venus is the Earth's sister planet because there are many similarities between the two. They are comparable in size and are approximately the same age. However, there is also much contrast between Venus and the Earth. Venus is devoid of oceans and has a very heavy atmosphere, 96.5% of which is composed of carbon dioxide. Because the atmosphere is so heavy, Venus has an extremely high surface temperature (459 °C). A Venusian day is equal to 243 Earth days. This is longer than its year, which is equivalent to 225 Earth days.
- D On June 8, 2004, Venus passed between the Sun and the Earth. People witnessed a large black spot moving across the Sun. The previous time this occurred was in 1882.



2 Read the article and choose the correct answer.

- a- The article *The Morning Star* is
 1 scientific
 2 fiction
 3 non-fiction.
- b- It is difficult for scientists to study Venus because
 1 it is too far away
 2 it is obscured by clouds
 3 it is not always perceivable.
- c- The pronoun which in line 12 refers to
 1 probes
 2 the spacecraft
 3 the information.
- d- A week on Venus is
 1 longer than that on Earth
 2 shorter than that on Earth
 3 equal to that on Earth.
- e- Venus will possibly pass between the Sun and the Earth in the
 1 2030s
 2 2060s
 3 2120s.

3 Define these words from the article. You may use a dictionary or the glossary at the end of your Student's Book

a investigate
 to carry out a systematic or formal inquiry in an attempt to discover facts

b ^{similar}
 alike, resembling without being identical

c document (v)
 to record information

d atmosphere

The layer of gases which surround a planet.

e comparable
 able to be likened to something else; similar

f epithet
 an adjective or short phrase used to express a quality characteristic of a person or thing

g devoid
 completely lacking in something

4 Are these statements True (T) or False (F)?

- a- True. Venus is the second planet from the Sun.
- b- True. Venus is visible for 6 hours everyday.
- c- False. The Americans launched first mission to Venus in 1962.
- d- False. Venus is about the same size and age as the Earth.
- e- True. It is too difficult to study Venus without using probes.
- f- False. Because of its heavy atmosphere Venus has a surface temperature of 459 °C.
- g- True. Only the Sun and the Moon are brighter than Venus.

5 Complete the following table with the necessary information from the article

paragraph	Main idea	Supporting ideas
A	What's Venus	Another name for Venus
B	Facts about Venus	It's difficult to study from Earth
C	Venus is Earth's sister	Similarities between Venus and the Earth
D	Venus between the sun and the Earth	People saw a large black spot moving in 2004 and 1882

Over to you

6 Are you for or against space tourism?
 I'm for ^{Why?} It enables us to know more about this world.

Language practice

- 1 Complete sentences a-e with nouns related to the words in capital letters.
- a The **exploration** of space began in the 1950s. (EXPLORE)
 - b Space technology has been used in the **production** of food. (PRODUCE)
 - c Scientists have made **discoveries** about Venus by using probes. (DISCOVER)
 - d Many people have great **admiration** for astronauts. (ADMIRE)
 - e One of the qualities people who travel in space need is **bravery**. (BRAVE)

- 2 Complete sentences a-f with one of these phrases.

space mission space shuttle space station
space suit space walk space race

- a The **space shuttle** takes off from the Earth like a rocket but lands like a plane.
- b When astronauts are in space they have to wear special **space suits**.
- c Some astronauts spend several months living and working on a **space station**.
- d If they need to do repairs in space, astronauts have to leave their rockets and do a **space walk**.
- e A **space mission** is a journey into space for a particular purpose.
- f The **space race** is the name given to the competition between nations to explore the galaxy.

- 3 Choose the correct word for each definition.

- a causing respect and admiration
 - 1 exceptionally
 - 2 awe-inspiring
 - 3 opportunity
- b an example would be the Moon
 - 1 orbit
 - 2 sentient
 - 3 natural satellite
- c extremely large
 - 1 astronomical
 - 2 solar system
 - 3 detriment

- 4 Match the sentences a-f with the gaps to complete the dialogue.

- a Yes, I think you have.
- b That surprises me.
- c I think you're misinformed.
- d Not at all.
- e I think it's stupid and dangerous.
- f Oh, I didn't know that.

A What do you think of space travel?

B I'm completely against it.

(1) c

A Really?

(2) b

I thought you'd be supportive of the idea.

B (3) d

Space travel is a complete waste of money. I mean, what do we get from

A (4) c

There are lots of inventions that were inspired by space travel.

B (5) f

Maybe I've judged space travel too harshly.

A (6) a

Grammar Assistant

Passive with modal verbs

- To change a sentence that includes one or two modal verbs from the active to the passive, we add the verb **to be** in its correct form before the main verb.
- The main verb may also change.
The children *could* leave their books here.
The books *could be* left here.
The man *should* have cleaned the room.
The room *should have been* cleaned.

5 Change passive sentences into active sentences and vice versa.

- a People have given Venus the epithets 'the morning star' and 'the evening star'.
The epithets 'the morning star' and 'the evening star' have been given to Venus.
- b The Russians have also sent spacecraft and probes to Venus.

Spacecraft and probes have also been sent to Venus by the Russians.

- c This report from the meeting can be typed up next week.

I can type up this report from the meeting next week.

- d The news from Kuwait has to be delivered today.

We have to deliver the news from Kuwait today.

6 Join the sentences together using the words in brackets.

- a I thought the TV programme about space was dramatic. I thought the TV programme about space was fascinating. (both)

I thought the TV programme about space was both dramatic and fascinating.

- b I am not curious about space travel. I am not curious about deep-sea diving. (neither / nor)

I am curious about neither space travel nor deep-sea diving.

- c You can watch TV. You can read books. You can't do both. (either / or)

You can either watch TV or read a book.

- d There were three crew members on the International Space Station. They weren't wearing spacesuits. (none)

None of the three crew members on the International Space Station wearing a spacesuit.

7 Read the following sentences and check whether the verbs are in the correct tense. Tick correct sentences and rewrite incorrect ones.

- a On holiday next week, I will have sailed in the Bahamas with my family. ☐

will be sailing

- b By next month, I will have finished my exams. ☒

- c If I finish this meal, I will be eating too much. ☐

will have eaten

- d I can't come out later. I will have done homework. ☐

will be doing

8 Put the verbs in brackets into the correct verb tense.

- a That morning, I had finished my breakfast. (finish)

- b I was looking at the map when I was driving to the station. (look, drive)

- c I am doing my homework now. (do)

- d He was looking at the map when he was driving to the station. (look, drive)

- e I was looking at the map when I was driving to the station. (look, drive)

- f I was looking at the map when I was driving to the station. (look, drive)

1 Read these notes for a presentation about life in space.

Life In Space

- Space is not just a huge adventure.
- Much time is spent on surviving and mundane tasks.
- Scientists make inventions to help.
- Machines remove carbon dioxide, making breathable atmosphere.
- No shower. Use ethanol cloths and shampoo that doesn't need water or make foam.
- Food in containers, water added to make edible.
- Drinks in sealed containers; drink through straw.
- Astronauts exercise two hours a day; muscles / bones weaken in low gravity.
- All help clean / maintain equipment, etc.

a Can you think of any other activities that astronauts could do in their free time in space?

I think they can write notes and take photos about what they can see there.

b Can you think of any inventions that would help astronauts in space?

I think radio messages and telephones are of great need to be invented to be used there to enable them to communicate with us on Earth.

2 Look at the scientific notes again. Using them as a basis, turn the notes into full sentences. Add full sentences about your own ideas.

Space is not just a huge adventure. • The time astronauts spend in space is not just a huge adventure.

Astronauts spend much time on surviving and mundane tasks.
 Scientists are making many inventions to help astronauts.
 They need machines that remove carbon dioxide for creating a breathable atmosphere.
 Astronauts use ethanol cloths and shampoo that doesn't need water because there is no water on space.
 The food they eat needs to be in containers and water is added to make it edible.
 They use straws to drink to avoid splashing it away.
 They should exercise 2 hours a day as muscles weaken in space.

3 Write an essay discussing one of the themes.

Space exploration is important / a waste of time and money.

Space tourism is exciting / boring.

Star gazing tells us a lot about our universe / nothing about ourselves.

You should argue for one side of the argument but acknowledge both potential positions.

Whilst some may think space exploration is a pointless waste of money, I believe that it is vital for the advancement of the human race. I believe this because ...

Answers should be 200-220 words.

Space exploration is important

A lot of people think we should give up space exploration, largely due to cost (and it is expensive — NASA spends approximately 16 billion tax dollars each year). But as you can see from the above list, money spent on space exploration does not nebulously float away into the galaxy. It creates new technologies and products, as well as new jobs and businesses. So maybe you could live without Tang, but would you give up your computer, the GPS navigating system in your car, or your cell phone? Just within the next few years, the space programme is expected to improve our knowledge of solar energy power, cryogenics, and robotics that are expected to offer great improvements in health care, energy and the environment, everyday technology, and many other areas.

But more importantly, human beings just seem to have a natural desire to learn more, to figure out things we don't understand, and to explore the unknown.

Key words:

acquire, attire, deputy, electrochemical, forum, medalist, reactor, react, sponsor, unprecedented

Reading

1 Read this article and then fill in the chart with the necessary information.

Inventor	Invention
Ahmed Al-Hashash	Airbag Equipped Attire for Motorcycle Riders
Sadeq Ahmed Al-Qassem	Light Indicator System
Abdullah Al-Yateem	electrochemical reactor to produce energy

Kuwait inventors return from award ceremony in Geneva. Director of the Kuwait Foundation for the Advancement of Science (KFAS), Ali Al-Jumaili, has awarded its members the recognition of their invention skills at the 10th International Forum for Invention, Science and Technology, which was held in Geneva, Switzerland, last week.

The Kuwaiti inventor, Ahmed Al-Hashash, won a silver medal for his 'Airbag Equipped Attire for Motorcycle Riders'. Al-Hashash and his team were given the gold medal for their

'Light Indicator System' (LIS), which alerts drivers as to 'slowly how close they are to other drivers ahead of them'.

Deputy Chairman of the Science Club of Kuwait, Eyad Hussain Al-Khateeb, praised the achievement of Kuwaiti scientists in the Geneva Invention Salon and noted that this achievement was the result of encouraging young people in Kuwait to be creative. He noted that the recipients of the Oscar and gold medalists were sponsored since the age of 10 by the Kuwait Science Club and acquired their skills through science training camps. Al-Khateeb also noted that the Kuwaiti team had the honor of being the only team to receive gold medals in the 10th International Forum for Invention, Science and Technology.

The Kuwaiti team was led by Dr. Eyad Hussain Al-Khateeb, who is the director of the Science Club of Kuwait. He is also the director of the Kuwait Science Club and the Kuwait Science Club. He is also the director of the Kuwait Science Club and the Kuwait Science Club.

The Kuwaiti team was also represented by Dr. Eyad Hussain Al-Khateeb, who is the director of the Science Club of Kuwait. He is also the director of the Kuwait Science Club and the Kuwait Science Club.

Source: Kuwait News, 10/10/2010, p. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

2 Choose the correct ending to the following sentence beginnings.

a- 2
b- 1
c- 1
d- 2

a Ali Al-Shamlan believed that the achievements of the Kuwaiti inventors were ...

1 unremarkable.

2 groundbreaking.

3 expected.

b Ali Al-Shamlan said that winning the Oscar of the Fair is

1 an achievement that has never been attained before.

2 a great achievement.

3 an achievement that will never be attained again.

c The pronoun which in line 10 refers to

1 the Light Indicator System.

2 the medal.

3 the inventor.

d The pronoun where in line 22 refers to

1 Geneva.

2 Geneva Invention Salon.

3 42 countries.

3 Are these statements True (T) or False (F)? Justify your answers.

a Eyad Jassem Al-Kharafi is the chairman of the Science Club of Kuwait. ☐

False : He is the deputy chairman of the Science Club of Kuwait.

b The Light Indicator System prevents car accidents. ☐

False. It alerts drivers how close they are from other drivers.

c Abdullah Al-Yateem intended to use sewage water to produce electric energy. ☐

True. He hoped to do this with an electrochemical reactor.

d Kuwaiti inventors were supported in their participation in the Geneva Salon of inventors by Al-Kharafi. ☐

False . They were supported by the Kuwait Foundation for the advancement of science.

4 Complete the article.

a Al-Hashash received the gold Medal of honour for his invention.

b Al-Kharafi praised the Kuwaiti inventors' achievement in the Geneva Salon of Inventors.

c Al-Kharafi believes that this event encourages the creativity of young people in Kuwait.

d The Kuwait Science Club has sponsored the inventors who won the Oscar and the gold medal since they were very young.

e Al-Kharafi appreciated the support that has been provided to Kuwaiti inventors in the Geneva Salon of Inventors.

f Abdullah Al-Yateem invented an electrochemical reactor which could produce electric energy out of sewage water.

5 Make a summary of the article on page 82. Try to avoid unnecessary details.

Kuwait is rich in genius people . Many of them can provide us with useful inventions . Some them proved to pioneers in certain fields . Some of those geniuses such as Ahmed Al-Hashash , Sadeq Ahmed Al-Qassem and Abdullah Al-Yateem shared in Geneva International Fair for inventions and got back with awards ceremony . They honoured Kuwait there .

Over to you

6 In which discipline would you wish to be a genius?

I'd like to a genius in the field of computer and the internet .

Language practice

1 Complete the gaps in these texts with words related to the words in capitals.

- a My brother is
 (1) talented (TALENT)
 in many different ways. He is a
 (2) mathematical
 (MATHEMATICS) genius but also
 has great (3) musical
 (MUSIC) ability. The whole family was
 (4) astonished (ASTONISH)
 when he won the first prize in a
 competition for young composers.
- b My sister was never (1) able
 (ABILITY) to paint or draw well until a
 new and very (2) skilful/skilled
 (SKILL) teacher arrived at the school.
 Since then, my sister's progress has
 been (3) amazing
 (AMAZE), and art has grown in
 (4) popularity (POPULAR)
 throughout the school.

2 Choose the correct preposition in the following conversation.

- A Weren't you present (1) in / at the
 Conference of Science Geniuses?
- B Of course I was, but I was sitting
 (2) in / at the front row, so I
 couldn't see any (3) of / from our
 classmates.
- A I was really impressed (4) of / with
 the big number of geniuses we have
 (5) from / in our country!
- B Yeah! Did you see that man who
 could work out the multiplication
 (6) for / of two eight-digit
 numbers (7) in / with a matter of
 seconds?
- A I almost couldn't believe it, and the
 numbers were chosen (8) by / of a
 computer.
- B And do you remember that woman
 who said that she wasn't very
 satisfied (9) about / with being
 a genius? I thought she was very

ungrateful (10) against / for the
 talent she had been given.

- A No, I think she's quite right
 (11) with / in what she said. I
 mean it is definitely very stressful
 to live (12) under / over the
 pressure (13) from / of everyone
 expecting the best (14) with / from
 you.
- B Well, I still think she was a bit too
 outspoken. After all, this isn't what
 the conference was (15) around /
about.

3 Complete the following text with words from the box. You may not use all the words and some may need to be made plural.

master gifted researcher prodigy
 genius ability prodigy
 precocious extraordinary

A (1) prodigy is a child who is
 exceptionally good at something. Prodigies
 are usually (2) gifted, but not
 always: they may be (3) precocious
 rather than gifted because some of them
 lose their special (4) ability when
 they become adults.

Some (5) researchers believe that a
 prodigious talent is not innate and does
 not emerge (6) arbitrarily. Rather, the
 environment plays the dominant role, many
 times in obvious ways. For example, Laszlo
 Polgar set out to raise his children to be
 chess players, and all three of his daughters
 went on to (7) master the game
 and become world class players, showing
 that (8) genius can be developed
 through suitable training.

4 Rewrite the following sentences using the instructions in brackets.

- a If you don't have enough general knowledge, you won't make it to the end of the contest. (Use *unless*.)

Unless you have enough general knowledge, you won't make it to the end of the contest.

- b Our school library is very rich in valuable books. So is the public library. (Use *as...as*.)

Our school library is as rich in valuable books as the public library.

- c I have tried several methods to prevent this student's failure, but all have been in vain. (Report what the teacher explained.)

The teacher explained that he had tried several methods to deal with that student's failure, but that it had been in vain.

- d The researchers have proved some interesting theories concerning human genes. (Change into the passive voice.)

Some interesting theories have been proved by the researchers concerning human genes.

5 Rewrite the following as single sentences, using a verb in the -ing form.

- a An Indian man correctly calculated the square root of a six-digit number. He took 1 minute 3.8 seconds.

An Indian man correctly calculated the square root of a six-digit number, taking 1 minute 3.8 seconds.

- b An American holds the world record for sending a text message. He typed a text of 160 letters on his mobile phone in less than a minute.



An American holds the world record for sending a text message, typing a text of 160 letters on his mobile phone in less than a minute.

- e A 38-year-old Swede set a unicycle speed record for 100m. He completed the distance in 12.11 seconds.

A 38-year-old Swede set a unicycle speed record for 100m, completing the distance in 12.11 seconds.

- f In December 1998, a young British man broke the record for the most books balanced on the head. To do this, he used skills he had developed as a builder.

In December 1998, a young British man broke the record for the most books balanced on the head, using skills he had developed as a builder.

- g He actually succeeded in carrying 62 books. The books weighed 98.4 kg.

He actually succeeded in carrying 62 books weighing 98.4 kg.

6 What would you say in the following situations?

- a You meet an old friend whom you haven't seen for a long time.

Hello! It's been a long time!

- b You're amazed with your friend's musical talent.

You have an amazing musical talent!

- c You are apologising to the teacher for being late; your dad's car had a flat

tyre.
Sorry for being late; my dad's car had a flat tyre.

- d You are suggesting to your friend that you study together.

Why don't we study together?

- e You buy a watch from a shop; it turns out to be faulty.

I think I should return it to the shop owner.

Writing**Writing a personal statement**

- 1 Imagine you are applying to a university. Here's an application form for you to fill in with your personal details.

Please complete all sections of this form. Failure to do so may delay your application.

Full year (Oct - June) ☒

Autumn term (Oct - Dec) ☐

Spring term (Jan - June) ☐

First name Sondos

Surname Baraka

Gender

Male ☐

Female ☒

Permanent address Kurwait Jahra

Date of birth 14 - 4 - 2000

Citizenship _____

E-mail Sk_2116506@yahoo.com

Home address Nassem - block 2 - 9th street - house 4

Telephone number 24562357

Mobile number 99806255

Name of parent / next of kin
(specify which)

Contact details of parent / next of kin

Mosaad

father

Degree applied for Medicine

Course title	Course term
Biology	first
Medicine	second

Personal statement attached

Yes ☐

No ☒

Signature of applicant

Date

Sondos

1 - 5 - 2011

- 2 Write a personal statement for the university you have applied to, to accompany the application form you have just completed. You may wish to include comments on your academic career, your future hopes and plans, your main interests and activities and your reasons for wishing to study at that particular university. Your personal statement should be 200-220 words long.

I'd like to join the Faculty of Medicine in order to be able to help sick people in my country. To study medicine is my ultimate goal in life. It's been my passion since I was seven years old. At the age of four, I frequented the library regularly with my mother. This daily routine continued for five years. During these five years, my mother would invariably encourage me to read non-fiction. I'm not sure how or why but I was immensely fascinated with the human body from a young age. I'd feed my curiosity and satisfy my hunger by borrowing several books at a time on this topic to my mother's delight. Books on the human body, books on diseases, books on nutrition, books on maintaining health. Pair my intense interest and love for the subject with a perpetual inner desire to help others and do good and there it is - my path, my calling. There is nothing else out there for me, no other career, no other job, no other purpose.

My mother told me that she'd often find me attempting to make "medicine" in the backyard using various plants and copious amounts of grass when I was very young. I hope this is indeed God's will for me because I cannot imagine myself pursuing anything else.